From: Kevin Forbes <kevin@beecherwater.us>
Sent: Monday, April 20, 2015 4:30 PM
To: Rosenthal, Adam (DEQ)
Subject: Beecher Well #6 Construction Samples
Attachments: FW: DEQ-Laboratory Report-50401693; FW: AS REQUESTED

Hi Adam,

Attached are our 2 consecutive day bacti samples for well #6 post overhaul. I plan on putting plant #3 back in service tomorrow. Have a good day.

Kevin Forbes
Administrative Superintendent
Beecher Metropolitan District
G-1057 Louis Avenue | Flint | MI | 48505
810.787.6526 Office | 810.787.6526 Fax | 810.397.1697 Cell
www.beecherwater.us

From: Dale Stewart <dstewart@northernpwco.com>
Sent: Friday, April 17, 2015 5:00 PM
To: Kevin Forbes
Subject: FW: DEQ-Laboratory Report-50401693
Attachments: 50401693.PDF

Second Sample

Have a good week end

-----Original Message-----
From: DEQ-DWR-LABREPORTS [mailto:DEQ-DWR-LABREPORTS2@michigan.gov]
Sent: Friday, April 17, 2015 4:48 PM
To: Dale Stewart
Subject: DEQ-Laboratory Report-50401693

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF60049

Official Laboratory Report

Report To: NORTHERN PUMP & WELL
6837 W GRAND RIVER AVE
LANSING MI 48906

System Name/Owner:	BEECHER METRO	WSSN/Pool ID:		
Collection Address:	STANDLEY RD,FLINT	Source:	TYPE I	
Collected By:	ANDY	Site Code:	WELL 6	
Township/Well#/Section:	FOREST//	Collector:	Other	
County:	Genesee	Date Collected:	04/15/2015	16:40
Sample Point:	SAMP TAP	Date Received:	04/16/2015	09:16
Water System:	Pressure Tank/Plant Tap	Purpose:	Repair/Construction/New Well	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2015**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: Dale Stewart <dstewart@northernpwco.com>
Sent: Friday, April 17, 2015 3:24 PM
To: Kevin Forbes
Subject: FW: AS REQUESTED
Attachments: 50401460.PDF

Both samples are good. I'll send the second sample as soon as it comes in

---

From: Hayes, Tandem (DEQ) [mailto:HayesT6@michigan.gov]
Sent: Friday, April 17, 2015 3:06 PM
To: Dale Stewart
Subject: AS REQUESTED

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF59889

Official Laboratory Report

Report To: NORTHERN PUMP & WELL
6837 W GRAND RIVER AVE
LANSING MI 48906

System Name/Owner:	BEECHER METRO	WSSN/Pool ID:	
Collection Address:	STANDLEY RD,FLINT	Source:	TYPE I
Collected By:	ANDY	Site Code:	WELL HOUSE #6
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	04/14/2015 16:35
Sample Point:	SAMP TAP	Date Received:	04/15/2015 08:58
Water System:	Pressure Tank/Plant Tap	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/15/2015**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: Kaiser, Rebecca (DEQ)
Sent: Monday, May 05, 2014 8:36 AM
To: Antil, Jeffrey (DEQ);Bergstrom, Carolyn (DEQ);Klein, Jeremy (DEQ);Ostrander, Debbie (DEQ);Pomaville, Katelyn (DEQ);Rosenthal, Adam (DEQ)
Subject: FW: DEQ-Laboratory Report-Alcona-2014-05-05
Attachments: ALCONA-2014-05-05.PDF

Here is another "All county" lab report. I believe that all of you have at least one supply in here. Enjoy!

-----Original Message-----
From: DEQ-DWR-LABREPORTS
Sent: Monday, May 05, 2014 8:15 AM
To: ALCONA@DHD2.ORG; London, Bob (DEQ); Kaiser, Rebecca (DEQ); Graham, Lois (DEQ)
Subject: DEQ-Laboratory Report-Alcona-2014-05-05

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15684

Official Laboratory Report

Report To: DEYOUNG 452053

MI

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	200 VAN KAL NORTH,KALAMAZOO	Source:	Single Family Dwelling	
Collected By:	MARK THOMAS	Site Code:	KLLF	
Township/Well#/Section:	OSHTEMO//18	Collector:	County Personnel	
County:	Kalamazoo	Date Collected:	04/21/2014	13:30
Sample Point:	OUTSIDE TAP	Date Received:	04/25/2014	08:39
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
1,4 Dioxane by GC/MS						
1,4 Dioxane	Not Detected	04/27/2014	0.001		8260 SIM	123-91-1
This analysis is performed using selected ion monitoring (SIM). Due to the nature of 1,4-dioxane, results reported below 0.005 mg/L should be considered estimated.						
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15684

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15684

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6
Vinyl chloride	Not Detected	05/01/2014	0.0004	0.002	EPA 524.2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Kalamazoo County Human Services Dept.
3299 Gull Rd.
Nazareth, MI 49048
269 373-5200

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15685

Official Laboratory Report

Report To: DEYOUNG 452053

MI

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	732 CHADDS FORD WAY,KALAMAZOO	Source:	Single Family Dwelling	
Collected By:	MARK THOMAS	Site Code:	KILF	
Township/Well#/Section:	OSTEMO//18	Collector:	County Personnel	
County:	Kalamazoo	Date Collected:	04/21/2014	14:00
Sample Point:	OUTSIDE	Date Received:	04/25/2014	08:39
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
1,4 Dioxane by GC/MS						
1,4 Dioxane	Not Detected	04/27/2014	0.001		8260 SIM	123-91-1
This analysis is performed using selected ion monitoring (SIM). Due to the nature of 1,4-dioxane, results reported below 0.005 mg/L should be considered estimated.						
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15685

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15685

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6
Vinyl chloride	Not Detected	05/01/2014	0.0004	0.002	EPA 524.2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF15907

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	30071 CHERRY,NEW HUDSON	Source:	Single Family Dwelling
Collected By:	PLEVINSKI	Site Code:	SMILRD
Township/Well#/Section:	LYON//	Collector:	County Personnel
County:	Oakland	Date Collected:	04/28/2014 14:00
Sample Point:	SIDE OT	Date Received:	04/29/2014 09:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
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mg/L : milligrams / Liter (ppm)
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CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15907

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	0.0006	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15907

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

A trip blank was not available for analysis with this sample.

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15908

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	57211 PONTIAC TRAIL,NEW HUDSON	Source:	Single Family Dwelling	
Collected By:	PLEVINSKI	Site Code:	SMILRD	
Township/Well#/Section:	LYON//	Collector:	County Personnel	
County:	Oakland	Date Collected:	04/28/2014	12:33
Sample Point:	FRONT OT	Date Received:	04/29/2014	09:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
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mg/L : milligrams / Liter (ppm)
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15908

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
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AL : Action Level
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mg/L : milligrams / Liter (ppm)
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15908

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

CAS# : Chemical Abstract Service Registry Number
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15909

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	57185 PONTIAC TRAIL,NEW HUDSON	Source:	Single Family Dwelling	
Collected By:	PLEVINSKI	Site Code:	SMILRD	
Township/Well#/Section:	LYON//	Collector:	County Personnel	
County:	Oakland	Date Collected:	04/28/2014	12:25
Sample Point:	BACK OT	Date Received:	04/29/2014	09:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15909

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF15909

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

CAS# : Chemical Abstract Service Registry Number
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Sample Number
LF15910

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	57165 CASH,NEW HUDSON	Source:	Single Family Dwelling
Collected By:	PLEVINSKI	Site Code:	SMILRD
Township/Well#/Section:	LYON//	Collector:	County Personnel
County:	Oakland	Date Collected:	04/28/2014 11:29
Sample Point:	FRONT OT	Date Received:	04/29/2014 09:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15910

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
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Sample Number
LF15910

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

CAS# : Chemical Abstract Service Registry Number
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Sample Number
LF15911

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	57100 CASH,NEW HUDSON	Source:	Single Family Dwelling
Collected By:	PLEVINSKI	Site Code:	SMILRD
Township/Well#/Section:	LYON//	Collector:	County Personnel
County:	Oakland	Date Collected:	04/28/2014 12:01
Sample Point:	BACK OT	Date Received:	04/29/2014 09:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15911

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

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Sample Number
LF15911

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

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Sample Number
LF15912

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	300 30 CHERRY,NEW HUDSON	Source:	Single Family Dwelling
Collected By:	PLEVINSKI	Site Code:	SMILRD
Township/Well#/Section:	LYON//	Collector:	County Personnel
County:	Oakland	Date Collected:	04/28/2014 14:10
Sample Point:	SIDE OT	Date Received:	04/29/2014 09:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
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mg/L : milligrams / Liter (ppm)
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Sample Number
LF15912

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
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Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF15912

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

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Sample Number
LF15913

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:			WSSN/Pool ID:		
Collection Address:	57060 BONNE TERRE,NEW HUDSON		Source:	Single Family Dwelling	
Collected By:	PLEVINSKI		Site Code:	SMILRD	
Township/Well#/Section:	LYON//		Collector:	County Personnel	
County:	Oakland		Date Collected:	04/28/2014	09:45
Sample Point:	FRONT OT		Date Received:	04/29/2014	09:46
Water System:	Untreated Private Well		Purpose:	Water Quality Problem	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

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Sample Number
LF15913

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15913

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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FAX: (517) 335-8562

Sample Number
LF15914

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	57057 CASH,NEW HUDSON	Source:	Single Family Dwelling
Collected By:	PLEVINSKI	Site Code:	SMILRD
Township/Well#/Section:	LYON//	Collector:	County Personnel
County:	Oakland	Date Collected:	04/28/2014 10:02
Sample Point:	BACK OT	Date Received:	04/29/2014 09:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

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Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15914

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15914

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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CAS# : Chemical Abstract Service Registry Number
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Sample Number
LF15915

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	30061 CHERRY,NEW HUDSON	Source:	Single Family Dwelling
Collected By:	PLEVINSKI	Site Code:	SMILRD
Township/Well#/Section:	LYON//	Collector:	County Personnel
County:	Oakland	Date Collected:	04/28/2014 13:54
Sample Point:	FRONT OT	Date Received:	04/29/2014 09:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15915

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF15915

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Sample Number
LF15916

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:			WSSN/Pool ID:		
Collection Address:	57075 BONN TERRE,NEW HUDSON		Source:	Single Family Dwelling	
Collected By:	PLEVINSKI		Site Code:	SMILRD	
Township/Well#/Section:	LYON//		Collector:	County Personnel	
County:	Oakland		Date Collected:	04/28/2014	09:34
Sample Point:	BACK OT		Date Received:	04/29/2014	09:46
Water System:	Untreated Private Well		Purpose:	Water Quality Problem	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15916

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15916

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

CAS# : Chemical Abstract Service Registry Number
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Sample Number
LF15917

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	30005 CHERRY,NEW HUDSON	Source:	Single Family Dwelling
Collected By:	PLEVINSKI	Site Code:	SMILRD
Township/Well#/Section:	LYON//	Collector:	County Personnel
County:	Oakland	Date Collected:	04/28/2014 13:22
Sample Point:	FRONT OT	Date Received:	04/29/2014 09:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15917

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
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CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15917

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16153

Official Laboratory Report

Report To: JCHD

MI

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	7162 N PARMA RD,PARMA	Source:	Single Family Dwelling
Collected By:	JCB	Site Code:	
Township/Well#/Section:	//	Collector:	County Personnel
County:	Jackson	Date Collected:	04/29/2014 11:00
Sample Point:	KITCHEN	Date Received:	04/30/2014 14:22
Water System:	Untreated Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	7	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.11	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	288	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	5.1	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	25	05/01/2014	10		SM 4500 SO4E	14808-79-8

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Jackson County Health Dept.
1697 Lansing Ave.
Jackson, MI 49202
517 788-4433

CAS# : Chemical Abstract Service Registry Number
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16207

Official Laboratory Report

Report To:

System Name/Owner:	SCOTT HARRIS	WSSN/Pool ID:		
Collection Address:	12458 CR 665,BLOOMINGDALE	Source:	Single Family Dwelling	
Collected By:	LANCE	Site Code:		
Township/Well#/Section:	BLOOMINGDALE//20	Collector:	Other	
County:	Van Buren	Date Collected:	04/30/2014	14:15
Sample Point:	WELL	Date Received:	05/01/2014	08:48
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	12	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.17	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	242	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.8	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	9	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	16	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16208

Official Laboratory Report

Report To:

System Name/Owner:	TED HIMEBOOK	WSSN/Pool ID:	
Collection Address:	6901 HOLLY DR,WEST OLIVE	Source:	Single Family Dwelling
Collected By:	RUSS	Site Code:	
Township/Well#/Section:	PORT SHELDON//	Collector:	Private Citizen
County:	Ottawa	Date Collected:	04/30/2014 12:30
Sample Point:	WELL	Date Received:	05/01/2014 08:48
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	34	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	172	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	2.5	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	17	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	21	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ottawa County Health Dept.
12251 James St., Suite 200
Holland, MI 49424
616 393-5645

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16096

Official Laboratory Report

Report To: DRS DELANEY/PLUNKETT/RALSTROM
39400 GARFIELD SUITE 200
CLINTON TWP MI 48038-4096

System Name/Owner:	BRIAN D JONES	WSSN/Pool ID:		
Collection Address:	10076 MAJESTIC BLVD,CLARKSTON	Source:	Other	
Collected By:	CALEB JONES	Site Code:		
Township/Well#/Section:	INDEPENDANCE//	Collector:	Private Citizen	
County:	Oakland	Date Collected:	04/27/2014	15:00
Sample Point:	KITCHEN	Date Received:	04/30/2014	09:29
Water System:	Treated/Softened Private Well	Purpose:	Water Quality Problem	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	23	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	24	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16135

Official Laboratory Report

Report To: MACOMB COUNTY HEALTH DEPT
43525 ELIZABETH
MT CLEMENS MI 48043

System Name/Owner:	LOMBARDO HOMES	WSSN/Pool ID:	
Collection Address:	75388 ELKHORN,BRUCE TWP	Source:	Single Family Dwelling
Collected By:	DARREN MASER	Site Code:	
Township/Well#/Section:	BRUCE TWP//14	Collector:	County Personnel
County:	Macomb	Date Collected:	04/28/2014 09:45
Sample Point:	KITCHEN SINK	Date Received:	04/30/2014 10:24
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	57	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.15	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	387	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.3	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	13	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	80	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Macomb County Health Dept.
43525 Elizabeth
Mount Clemens, MI 48043
586 469-5236

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16169

Official Laboratory Report

Report To: KIMBALL TOWNSHIP
2160 WADHAMS RD
KIMBALL MI 48074

System Name/Owner:	KIMBALL TOWNSHIP	WSSN/Pool ID:	2009174	
Collection Address:	5120 HOWARD RD,KIMBALL	Source:	Other	
Collected By:	JASON HYDE	Site Code:		
Township/Well#/Section:	KIMBALL//11	Collector:	Other	
County:	St Clair	Date Collected:	04/30/2014	10:00
Sample Point:	BATH	Date Received:	05/01/2014	08:10
Water System:	Public System Well	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	336	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	1.6	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	107	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	195	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

St. Clair County Health Dept.
3415 28th St.
Port Huron, MI 48060
810 987-5306

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15956

Official Laboratory Report

Report To: WOLCOTT MILL MAINT
59255 RAY CENTER RD
RAY TWP MI 48096

System Name/Owner:	HCMA	WSSN/Pool ID:	
Collection Address:	21690 27 MILE RD- WOLCOTT GOLF,RAY	Source:	TYPE II
Collected By:	LEIF P WOLF	Site Code:	
Township/Well#/Section:	BRIGHTON//	Collector:	Public Water Supply Operator
County:	Macomb	Date Collected:	04/28/2014 10:20
Sample Point:	POST TREATMENT	Date Received:	04/29/2014 11:19
Water System:	Public System Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	0.005	04/30/2014	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Macomb County Health Dept.
43525 Elizabeth
Mount Clemens, MI 48043
586 469-5236

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15957

Official Laboratory Report

Report To: WOLCOTT MILL MAINT
59255 RAY CENTER RD
RAY TWP MI 48096

System Name/Owner:	HCMA	WSSN/Pool ID:	2014950
Collection Address:	21690 27 MI RD- WOLCOTT GOLF CO,RAY	Source:	TYPE II
Collected By:	LEIF P WOLF	Site Code:	
Township/Well#/Section:	BRIGHTON//	Collector:	Public Water Supply Operator
County:	Macomb	Date Collected:	04/28/2014 10:15
Sample Point:	PRE-TREATMENT	Date Received:	04/29/2014 11:20
Water System:	Public System Well	Purpose:	Routine Monitoring

Sample Comment **LF15957** **Sample was not tested for Arsenic. Sample was submitted in the incorrect sampling unit. Please resubmit in Unit 36ME.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
^^^ NOT TESTED^^^	Not Tested	04/29/2014				NOTST-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Macomb County Health Dept.
43525 Elizabeth
Mount Clemens, MI 48043
586 469-5236

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16133

Official Laboratory Report

Report To: SEPTIC INSPECTIONS BY VALERIE
59930 ROMEO PLANK
RAY TWP MI 48096

System Name/Owner:	VIOLA ALLEMON	WSSN/Pool ID:		
Collection Address:	59966 ROMEO PLANK,RAY TWP	Source:	Single Family Dwelling	
Collected By:	VALERIE	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Macomb	Date Collected:	04/29/2014	16:00
Sample Point:	KITCHEN SINK	Date Received:	04/30/2014	10:23
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**POSITIVE**	**04/30/2014**			**SM 9223 B**	**TC-00-B**
Coliform bacteria was detected. Consult your county or district health department for investigation of related risks.						
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	127	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.24	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	0.6	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	217	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	65	04/30/2014	10		SM 4500 SO4E	14808-79-8

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Macomb County Health Dept.
43525 Elizabeth
Mount Clemens, MI 48043
586 469-5236

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16230

Official Laboratory Report

Report To: GEORGE RUDICH
20820 27 MILE RD
RAY MI 48096

System Name/Owner:	27 MILE RD 2013	WSSN/Pool ID:		
Collection Address:	20820 27 MILE RD,RAY	Source:	TYPE III	
Collected By:	TOM RUDICH	Site Code:	50-0018	
Township/Well#/Section:	RAY//34	Collector:	Private Citizen	
County:	Macomb	Date Collected:	04/30/2014	11:00
Sample Point:	KITCHEN	Date Received:	05/01/2014	09:16
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	131	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.90	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	228	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.7	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	84	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Macomb County Health Dept.
43525 Elizabeth
Mount Clemens, MI 48043
586 469-5236

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16117

Official Laboratory Report

Report To: CITY OF YALE
111 W MECHANIC
YALE MI 48097

System Name/Owner:		WSSN/Pool ID:	7230
Collection Address:	304 NORTH ST,YALE	Source:	TYPE I
Collected By:	GREG VORE	Site Code:	
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	St Clair	Date Collected:	04/29/2014 10:30
Sample Point:	KITCHEN	Date Received:	04/30/2014 10:18
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

St. Clair County Health Dept.
3415 28th St.
Port Huron, MI 48060
810 987-5306

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16118

Official Laboratory Report

Report To: CITY OF YALE
111 W MECHANIC
YALE MI 48097

System Name/Owner:		WSSN/Pool ID:	7230
Collection Address:	550 NORTH ST,YALE	Source:	TYPE I
Collected By:	GREG VORE	Site Code:	
Township/Well#/Section:	/4/	Collector:	Public Water Supply Operator
County:	St Clair	Date Collected:	04/29/2014 11:00
Sample Point:	SAMPLING TAP	Date Received:	04/30/2014 10:18
Water System:	Public System Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

St. Clair County Health Dept.
3415 28th St.
Port Huron, MI 48060
810 987-5306

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16119

Official Laboratory Report

Report To: CITY OF YALE
111 W MECHANIC
YALE MI 48097

System Name/Owner:		WSSN/Pool ID:	7230
Collection Address:	111 W MECHANIC,YALE	Source:	TYPE I
Collected By:	GREG VORE	Site Code:	
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	St Clair	Date Collected:	04/29/2014 11:20
Sample Point:	KITCHEN	Date Received:	04/30/2014 10:18
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

St. Clair County Health Dept.
3415 28th St.
Port Huron, MI 48060
810 987-5306

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16175

Official Laboratory Report

Report To: JEFF RENNER
797 SCIOMEADOWS DR
ANN ARBOR MI 48103

System Name/Owner:	JEFF RENNER	WSSN/Pool ID:	
Collection Address:	797 SCIOMEADOWS DR,ANN ARBOR	Source:	Single Family Dwelling
Collected By:	JEFF RENNER	Site Code:	
Township/Well#/Section:	SCIO//22	Collector:	Private Citizen
County:	Washtenaw	Date Collected:	04/30/2014 11:00
Sample Point:	KITCHEN TAP	Date Received:	05/01/2014 08:12
Water System:	Untreated Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	74	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.26	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	322	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.8	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	18	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	30	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Washtenaw Co Dept. of Planning & Environment
705 N. Zeeb Road
Ann Arbor, MI 48107-8645
734 222-3800

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15770

Official Laboratory Report

Report To: JOSEPH F GRIMA
47690 E ANCHOR CT
PLYMOUTH MI 48170

System Name/Owner:	CITY OF DETROIT	WSSN/Pool ID:		
Collection Address:	47690 E ANCHOR CT,PLYMOUTH	Source:	TYPE II	
Collected By:	JOSEPH F GRIMA	Site Code:		
Township/Well#/Section:	PLYMOUTH//	Collector:	Private Citizen	
County:	Wayne	Date Collected:	04/27/2014	21:00
Sample Point:	KITCHEN/CAFE	Date Received:	04/28/2014	14:47
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15770

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15770

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

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MCL : Maximum Contaminant Level
AL : Action Level
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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16202

Official Laboratory Report

Report To: PAUL J BECKER
50025 ANN ARBOR RD W
PLYMOUTH MI 48170

System Name/Owner:	PAUL J BECKER	WSSN/Pool ID:	
Collection Address:	50025 ANN ARBOR RD W,PLYMOUTH	Source:	Single Family Dwelling
Collected By:	PAUL J BECKER	Site Code:	
Township/Well#/Section:	PLYMOUTH//	Collector:	Private Citizen
County:	Wayne	Date Collected:	04/29/2014 18:40
Sample Point:	KITCHEN	Date Received:	05/01/2014 08:47
Water System:	Treated/Softened Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	25	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.60	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	147	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	12	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16215

Official Laboratory Report

Report To: PAUL J BECKER
50025 ANN ARBOR RD
PLYMOUTH MI 48170

System Name/Owner:	PAUL J BECKER	WSSN/Pool ID:		
Collection Address:	50025 ANN ARBOR RD,PLYMOUTH	Source:	Single Family Dwelling	
Collected By:	PAUL J BECKER	Site Code:		
Township/Well#/Section:	PLYMOUTH//	Collector:	Private Citizen	
County:	Wayne	Date Collected:	04/29/2014	18:40
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:49
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	0.012	05/02/2014	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16134

Official Laboratory Report

Report To: SEPTIC INSPECTIONS BY VALERIE
59930 ROMEO PLANK
RAY TWP MI 48306

System Name/Owner:	CATHIE FERRARI	WSSN/Pool ID:		
Collection Address:	60957 PENNINGTON WAY,ROCHESTER	Source:	Single Family Dwelling	
Collected By:	VALERIE	Site Code:		
Township/Well#/Section:	WASHINGTON//	Collector:	Other	
County:	Macomb	Date Collected:	04/29/2014	12:26
Sample Point:	KITCHEN SINK	Date Received:	04/30/2014	10:23
Water System:	Treated/Softened Private Well	Purpose:	Real Estate Transaction	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Lead	Not detected	05/01/2014	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Macomb County Health Dept.
43525 Elizabeth
Mount Clemens, MI 48043
586 469-5236

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15904

Official Laboratory Report

Report To: DARRELL HOARD
44540 TRELLIS DR
STERLING HGHTS MI 48314-1235

System Name/Owner:	DARRELL HOARD	WSSN/Pool ID:		
Collection Address:	6664 KELLEY DR,MILLERSBURG	Source:	Single Family Dwelling	
Collected By:	DARRELL HOARD	Site Code:	PERMIT 11265	
Township/Well#/Section:	CASE/71000003424/24	Collector:	Private Citizen	
County:	Presque Isle	Date Collected:	04/26/2014	18:00
Sample Point:	OUTDOOR FAUCET	Date Received:	04/29/2014	09:43
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15904

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15904

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16130

Official Laboratory Report

Report To: THE MICHIGAN HOME INSPECTOR
10385 RATTALEE LK RD
DAVISBURG MI 48350

System Name/Owner:	BRET & ANGELA SPEDERS	WSSN/Pool ID:	
Collection Address:	210 BOSTON AVE,LAKE ORION	Source:	Single Family Dwelling
Collected By:	DEAN FARNER	Site Code:	
Township/Well#/Section:	ORION//	Collector:	Other
County:	Oakland	Date Collected:	04/29/2014 16:30
Sample Point:	KITCHEN	Date Received:	04/30/2014 10:21
Water System:	Untreated Private Well	Purpose:	Real Estate Transaction

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	77	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	230	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	81	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	54	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16213

Official Laboratory Report

Report To: JEFF CHERNIAUSKY
4196 HOSNER RD
OXFORD MI 48370

System Name/Owner:	JEFF CHERNIAUSKY	WSSN/Pool ID:	
Collection Address:	4196 HOSNER RD,OXFORD	Source:	Single Family Dwelling
Collected By:	JEFF CHERNIAUSKY	Site Code:	
Township/Well#/Section:	ADDISON//	Collector:	Private Citizen
County:	Oakland	Date Collected:	04/30/2014 15:25
Sample Point:	BATHROOM SINK	Date Received:	05/01/2014 08:49
Water System:	Untreated Private Well	Purpose:	Real Estate Transaction

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	Not detected	05/02/2014	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16167

Official Laboratory Report

Report To: ATTICA PINES CAMPGROUND LLC
4142 BELLE RIVER RD
ATTICA MI 48412

System Name/Owner:	ATTICA PINES CAMPGROUND	WSSN/Pool ID:	2162744
Collection Address:	4142 BELLE RIVER RD,ATTICA	Source:	TYPE II
Collected By:	TOM	Site Code:	
Township/Well#/Section:	ATTICA//	Collector:	Public Water Supply Operator
County:	Lapeer	Date Collected:	04/30/2014 10:30
Sample Point:	BATHROOM	Date Received:	05/01/2014 08:10
Water System:	Untreated Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16176

Official Laboratory Report

Report To: KINGSLANDING CAMP
121 KINGSLANDING DR
COLUMBIAVILLE MI 48421

System Name/Owner:	KINGSLANDING CAMP	WSSN/Pool ID:	2018044	
Collection Address:	121 KINGSLANDING DR,COLUMBIAVILLE	Source:	TYPE II	
Collected By:	FRED MONREAL	Site Code:		
Township/Well#/Section:	DEERFIELD//20	Collector:	Private Citizen	
County:	Lapeer	Date Collected:	04/30/2014	12:00
Sample Point:	BATH HOUSE	Date Received:	05/01/2014	08:12
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16128

Official Laboratory Report

Report To: GERALD L HOWELL JR
4345 E STANLEY RD
GENESEE MI 48437

System Name/Owner:	GERALD L HOWELL JR	WSSN/Pool ID:	
Collection Address:	3423 RIVERVIEW DR,HERSEY	Source:	Single Family Dwelling
Collected By:	GERALD L HOWELL JR	Site Code:	
Township/Well#/Section:	HERSEY TWP//	Collector:	Private Citizen
County:	Osceola	Date Collected:	04/29/2014
Sample Point:	KITCHEN	Date Received:	04/30/2014 10:20
Water System:	Untreated Private Well	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Sample was more than 30 hours old when analyzed. Coliform result is possibly invalid for testing done more than 30 hours after sample collection.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept.
115 North Sears Street
Reed City, MI 49677
231 832-5532

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16100

Official Laboratory Report

Report To: CRAIG WILLIAMS
3443 BALD EAGLE LK RD
HOLLY MI 48442

System Name/Owner:	EVELYN BRONDAGE	WSSN/Pool ID:		
Collection Address:	3443 BALD EAGLE LK RD,HOLLY	Source:	Single Family Dwelling	
Collected By:	CRAIG WILLIAMS	Site Code:		
Township/Well#/Section:	GROVELAND/1/	Collector:	Private Citizen	
County:	Oakland	Date Collected:	04/29/2014	09:30
Sample Point:	KITCHEN	Date Received:	04/30/2014	09:35
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	Not detected	05/01/2014	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

CAS# : Chemical Abstract Service Registry Number
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mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16138

Official Laboratory Report

Report To: MEGAN GALBREATH
1682 BOWERS RD
LAPEER MI 48446

System Name/Owner:	MEGAN GALBREATH	WSSN/Pool ID:	
Collection Address:	1682 BOWERS RD,LAPEER	Source:	Single Family Dwelling
Collected By:	MEGAN GALBREATH	Site Code:	
Township/Well#/Section:	LAPEER//	Collector:	Private Citizen
County:	Lapeer	Date Collected:	04/29/2014 12:22
Sample Point:	KITCHEN	Date Received:	04/30/2014 10:24
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	9	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.61	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	142	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	27	04/30/2014	10		SM 4500 SO4E	14808-79-8

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Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
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mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16174

Official Laboratory Report

Report To: DEB GENO
1709 BOWERS RD
LAPEER MI 48446

System Name/Owner:	DEB GENO	WSSN/Pool ID:	
Collection Address:	1709 BOWERS RD,LAPEER	Source:	Single Family Dwelling
Collected By:	DEB GENO	Site Code:	
Township/Well#/Section:	MAYFIELD//	Collector:	Other
County:	Lapeer	Date Collected:	04/29/2014 07:00
Sample Point:	KITCHEN	Date Received:	05/01/2014 08:12
Water System:	Untreated Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Chloride	47	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.51	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	304	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.7	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	30	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	23	05/01/2014	10		SM 4500 SO4E	14808-79-8

Sample was more than 30 hours old when analyzed. Coliform result is possibly invalid for testing done more than 30 hours after sample collection.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16209

Official Laboratory Report

Report To: BETH ESCHENBURG
1559 IMLAY CITY RD
LAPEER MI 48446

System Name/Owner:	HDC EARLY HEAD START	WSSN/Pool ID:	2166444	
Collection Address:	1559 IMLAY CITY RD,LAPEER	Source:	TYPE II	
Collected By:	BETH ESCHENBURG	Site Code:		
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	04/30/2014	13:30
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:48
Water System:	Other	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	39	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.87	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	147	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	24	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16101

Official Laboratory Report

Report To: WALTER ESSER
200 N SASHABAW
ORTONVILLE MI 48462

System Name/Owner:	WALTER ESSER	WSSN/Pool ID:		
Collection Address:	200 N SASHABAW,ORTONVILLE	Source:	Single Family Dwelling	
Collected By:	WALTER ESSER	Site Code:		
Township/Well#/Section:	BRANDON//	Collector:	Private Citizen	
County:	Oakland	Date Collected:	04/29/2014	12:30
Sample Point:	KITCHEN	Date Received:	04/30/2014	09:35
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	0.006	05/01/2014	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16214

Official Laboratory Report

Report To: FREDERICK H TOWNSEND
3851 GRANGER RD
ORTONVILLE MI 48462

System Name/Owner:	FREDERICK H TOWNSEND	WSSN/Pool ID:		
Collection Address:	3851 GRANGER RD,ORTONVILLE	Source:	Single Family Dwelling	
Collected By:	FRED TOWNSEND	Site Code:		
Township/Well#/Section:	BRANDON//15	Collector:	Private Citizen	
County:	Oakland	Date Collected:	04/30/2014	08:35
Sample Point:	WELL PUMP TAP	Date Received:	05/01/2014	08:49
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	0.040	05/02/2014	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16093

Official Laboratory Report

Report To: CINDY PRIEMER
4522 RUTH RD
RUTH MI 48470

System Name/Owner:	CINDY PRIEMER	WSSN/Pool ID:	2001732	
Collection Address:	4522 RUTH RD,RUTH	Source:	TYPE II	
Collected By:	CINDY PRIEMER	Site Code:		
Township/Well#/Section:	SHERMAN//	Collector:	Private Citizen	
County:	Huron	Date Collected:	04/29/2014	09:00
Sample Point:	KITCHEN	Date Received:	04/30/2014	09:29
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	4138	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.50	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	193	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.2	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	2208	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	419	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Huron County Health Dept.
1142 S. Van Dyke
Bad Axe, MI 48413
989 269-9721

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16212

Official Laboratory Report

Report To: ATHERTON SCHOOLS
3354 S GENESEE RD
BURTON MI 48519

System Name/Owner:	ATHERTON SCHOOLS	WSSN/Pool ID:	2052425
Collection Address:	3444 S GENESEE RD,FLINT	Source:	TYPE II
Collected By:	MARK SCOTT 12405	Site Code:	2052425
Township/Well#/Section:	BURTON//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	04/30/2014 12:15
Sample Point:	MAINTENANCE AREA	Date Received:	05/01/2014 08:49
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	0.015	05/02/2014	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16136

Official Laboratory Report

Report To: ERNIE SIMON
10489 N SHEPHERD
CLARE MI 48617

System Name/Owner:	ERNIE SIMON	WSSN/Pool ID:	
Collection Address:	10489 N SHEPHERD,CLARE	Source:	Single Family Dwelling
Collected By:	NELSON	Site Code:	
Township/Well#/Section:	WISE//	Collector:	County Personnel
County:	Isabella	Date Collected:	04/29/2014 09:00
Sample Point:	KITCHEN	Date Received:	04/30/2014 10:24
Water System:	Untreated Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	306	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.67	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	310	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.1	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	156	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	134	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept.
2012 East Preston
Mount Pleasant, MI 48858
989 773-5921

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16171

Official Laboratory Report

Report To: STUART LUSK
6589 N MAGRUDER RD
COLEMAN MI 48618

System Name/Owner:	STUART LUSK	WSSN/Pool ID:		
Collection Address:	6589 N MAGRUDER RD,COLEMAN	Source:	Single Family Dwelling	
Collected By:	STUART LUSK	Site Code:		
Township/Well#/Section:	WARREN//	Collector:	Private Citizen	
County:	Midland	Date Collected:	04/30/2014	15:03
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:12
Water System:	Treated/Softened Private Well	Purpose:	Real Estate Transaction	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.24	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.1	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	68	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Midland County Health Dept.
220 West Ellsworth
Midland, MI 48640-5194
989 832-6679

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16137

Official Laboratory Report

Report To: LIGHTHOUSE COVE
PO BOX 877
FARWELL MI 48622

System Name/Owner:	LIGHTHOUSE COVE	WSSN/Pool ID:		
Collection Address:	9320 WHITE CEDAR 1,LAKE	Source:	TYPE III	
Collected By:	NELSON	Site Code:		
Township/Well#/Section:	GILMORE//	Collector:	County Personnel	
County:	Isabella	Date Collected:	04/29/2014	08:30
Sample Point:	OUTSIDE TAP	Date Received:	04/30/2014	10:24
Water System:	Untreated Public Distribution System	Purpose:	Repair/Construction/New Well	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	15	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.23	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	136	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	11	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	11	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept.
2012 East Preston
Mount Pleasant, MI 48858
989 773-5921

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16139

Official Laboratory Report

Report To: CMDHD
103 N BOWERY
GLADWIN MI 48624

System Name/Owner:	MARTIN LOOKER	WSSN/Pool ID:	
Collection Address:	1560 DUNDAS ROAD,GLADWIN	Source:	Single Family Dwelling
Collected By:	RYAN PACKER	Site Code:	
Township/Well#/Section:	BUCKEYE//	Collector:	County Personnel
County:	Gladwin	Date Collected:	04/29/2014 09:00
Sample Point:		Date Received:	04/30/2014 10:25
Water System:	Untreated Private Well	Purpose:	Routine Monitoring

Sample Comment **LF16139** **Sample was not tested for volatile organic compounds (test code CXVO or CXTM) due to improper sampling technique. Please resample without an air bubble in sample vial.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
^^^ NOT TESTED^^^	Not Tested	04/30/2014				NOTST-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept.
103 North Bowery
Gladwin, MI 48624
989 426-9431

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16083

Official Laboratory Report

Report To: CAMP DEER TRAILS
6651 N EBERHART RD
HARRISON MI 48625

System Name/Owner:	GIRL SCOUTS HEART OF MI	WSSN/Pool ID:	2008018	
Collection Address:	6651 EBERHART RD - CAMP DEER TR,HA	Source:	TYPE II	
Collected By:	WADE ODELL	Site Code:		
Township/Well#/Section:	FROST//	Collector:	Other	
County:	Clare	Date Collected:	04/29/2014	09:15
Sample Point:	BATH HOUSE	Date Received:	04/30/2014	09:28
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	4	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	234	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	12	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept.
225 West Main Street
Harrison, MI 48625
989 539-6731

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16084

Official Laboratory Report

Report To: CAMP DEER TRAILS
6651 N EBERHART RD
HARRISON MI 48625

System Name/Owner:	GIRL SCOUTS HEART OF MI	WSSN/Pool ID:	2008818	
Collection Address:	CAMP DEER TRAILS,HARRISON	Source:	TYPE II	
Collected By:	WADE E ODELL	Site Code:		
Township/Well#/Section:	FROST//	Collector:	Other	
County:	Clare	Date Collected:	04/29/2014	09:00
Sample Point:	BATH HOUSE	Date Received:	04/30/2014	09:28
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	4	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	229	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	12	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept.
225 West Main Street
Harrison, MI 48625
989 539-6731

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16095

Official Laboratory Report

Report To: CMDHD
BOX 237
COURTHOUSE
HARRISON MI 48625

System Name/Owner:	TRACIE BAKER	WSSN/Pool ID:	
Collection Address:	8201 LAKE SHORE DR,CLARE	Source:	Single Family Dwelling
Collected By:	JASON TRAVIS RS	Site Code:	
Township/Well#/Section:	GRANT//	Collector:	Other
County:	Clare	Date Collected:	04/29/2014 15:45
Sample Point:	KITCHEN SINK	Date Received:	04/30/2014 09:29
Water System:	Untreated Private Well	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	Not detected	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.21	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	222	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.3	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	5	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	10	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept.
225 West Main Street
Harrison, MI 48625
989 539-6731

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16204

Official Laboratory Report

Report To: ANDY KOBISA
1160 E CURTIS RD
HOPE MI 48628

System Name/Owner:	HOPE TWP PARK	WSSN/Pool ID:	2004656	
Collection Address:	6066 N MIDDLE RD,HOPE	Source:	TYPE II	
Collected By:	ANDY KOBISA	Site Code:		
Township/Well#/Section:	HOPE/001/	Collector:	Other	
County:	Midland	Date Collected:	04/29/2014	12:45
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:48
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	40	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.68	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	731	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	1.8	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	170	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	803	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Midland County Health Dept.
220 West Ellsworth
Midland, MI 48640-5194
989 832-6679

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16206

Official Laboratory Report

Report To: ANDY KOBISA
1160 E CURTIS RD
HOPE MI 48628

System Name/Owner:	HOPE TWP PARK	WSSN/Pool ID:	2004656	
Collection Address:	6066 N MIDDLE RD,HOPE	Source:	TYPE II	
Collected By:	ANDY KOBISA	Site Code:		
Township/Well#/Section:	HOPE/001/	Collector:	Other	
County:	Midland	Date Collected:	04/29/2014	12:50
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:48
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

Sample Comment **LF16206** **Sample was received in a bacteriological sampling unit with a chemical request. Please request correct sampling unit from your local health department or contact the MDEQ Drinking Water Unit at (517)-335-8184.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
^^^ NOT TESTED^^^	Not Tested	05/01/2014				NOTST-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Midland County Health Dept.
220 West Ellsworth
Midland, MI 48640-5194
989 832-6679

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16090

Official Laboratory Report

Report To: GARY L GLOVER
8350 E HOUGHTON LAKE DR
HOUGHTON LAKE MI 48629

System Name/Owner:	GARY L GLOVER	WSSN/Pool ID:		
Collection Address:	8350 E HOUGHTON LAKE DR,HOUGHTON	Source:	Single Family Dwelling	
Collected By:	GARY L GLOVER	Site Code:		
Township/Well#/Section:	MARKEY//	Collector:	Private Citizen	
County:	Roscommon	Date Collected:	04/29/2014	09:00
Sample Point:	KITCHEN	Date Received:	04/30/2014	09:29
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	Not detected	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	183	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	1.2	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept.
1015 Short Drive, M-18
Prudenville, MI 48651
989 366-9166

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16161

Official Laboratory Report

Report To: MIO AUSABLE SCHOOLS
1110 W 8TH ST
MIO MI 48647

System Name/Owner:	MIO AUSABLE SCHOOL FOOTBALL CO	WSSN/Pool ID:	2000468	
Collection Address:	1110 W 8TH ST,MIO	Source:	TYPE II	
Collected By:	DARYL JOHNSON	Site Code:		
Township/Well#/Section:	BIG CREEK/003/12	Collector:	Other	
County:	Oscoda	Date Collected:	04/30/2014	12:30
Sample Point:	SAMPLE TAP	Date Received:	05/01/2014	08:10
Water System:	Public System Well	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
393 South Mt. Tom Road
Mio, MI 48647-9368
989 826-3970

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16162

Official Laboratory Report

Report To: MIO AUSABLE SCHOOLS
1110 W 8TH ST
MIO MI 48647

System Name/Owner:	MIO AUSABLE SCHOOL BUS COMPOUN	WSSN/Pool ID:	2000468	
Collection Address:	1110 W 8TH ST,MIO	Source:	TYPE II	
Collected By:	DARYL JOHNSON	Site Code:		
Township/Well#/Section:	BIG CREEK/004/12	Collector:	Other	
County:	Oscoda	Date Collected:	04/30/2014	12:45
Sample Point:	SAMPLE TAP	Date Received:	05/01/2014	08:10
Water System:	Public System Well	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
393 South Mt. Tom Road
Mio, MI 48647-9368
989 826-3970

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16126

Official Laboratory Report

Report To: FLATS CONDO ASSOC
978 TIMBERLYNN TRAIL
LOT 160
SANFORD MI 48657

System Name/Owner:	FLATS CONDO ASSOC	WSSN/Pool ID:		
Collection Address:	978 TIMBERLYNN TRAIL,SANFORD	Source:	TYPE I	
Collected By:	HOWARD BOWEN	Site Code:		
Township/Well#/Section:	EDENVILLE//	Collector:	Private Citizen	
County:	Midland	Date Collected:	04/29/2014	09:00
Sample Point:	LOT 139	Date Received:	04/30/2014	10:19
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Midland County Health Dept.
220 West Ellsworth
Midland, MI 48640-5194
989 832-6679

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16172

Official Laboratory Report

Report To: BRENT FITZPATRICK
786 W SAND BEACH
SANFORD MI 48657

System Name/Owner:	BRENT FITZPATRICK	WSSN/Pool ID:		
Collection Address:	786 W SAND BEACH,SANFORD	Source:	Single Family Dwelling	
Collected By:	BRENT FITZPATRICK	Site Code:		
Township/Well#/Section:	EDENVILLE//	Collector:	Private Citizen	
County:	Midland	Date Collected:	04/30/2014	13:30
Sample Point:	KITCHEN SINK	Date Received:	05/01/2014	08:12
Water System:	Treated/Softened Private Well	Purpose:	Real Estate Transaction	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**EC POSITIVE**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
E. coli bacteria was detected. Consult your county or district health department for investigation of related risks.						
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	75	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.75	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	289	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	450	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Midland County Health Dept.
220 West Ellsworth
Midland, MI 48640-5194
989 832-6679

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16120

Official Laboratory Report

Report To: QUALITY INN HOTEL
2980 COOK RD
PO BOX 369
WEST BRANCH MI 48661

System Name/Owner:	FORWARD CORP	WSSN/Pool ID:	6527501
Collection Address:	2980 COOK RD,WEST BRANCH	Source:	Swimming Pool or Spa
Collected By:	CHUCK	Site Code:	P
Township/Well#/Section:	WEST BRANCH//	Collector:	Other
County:	Ogemaw	Date Collected:	04/29/2014 08:00
Sample Point:	POOL	Date Received:	04/30/2014 10:18
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
630 Progress Street
West Branch, MI 48661
989 345-5020

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16121

Official Laboratory Report

Report To: QUALITY INN HOTEL
2980 COOK RD
PO BOX 369
WEST BRANCH MI 48661

System Name/Owner:	FORWARD CORP	WSSN/Pool ID:	6527502
Collection Address:	2980 COOK RD,WEST BRANCH	Source:	Swimming Pool or Spa
Collected By:	CHUCK	Site Code:	5
Township/Well#/Section:	WEST BRANCH//	Collector:	Other
County:	Ogemaw	Date Collected:	04/29/2014 08:00
Sample Point:	SPA	Date Received:	04/30/2014 10:18
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
630 Progress Street
West Branch, MI 48661
989 345-5020

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16122

Official Laboratory Report

Report To: SUPER 8 HOTEL
2596 AUSTINS WAY
PO BOX 338
WEST BRANCH MI 48661

System Name/Owner:	FORWARD CORP	WSSN/Pool ID:	657000	
Collection Address:	2596 AUSTINS WAY,WEST BRANCH	Source:	Swimming Pool or Spa	
Collected By:	LES HOXIE	Site Code:	66843	
Township/Well#/Section:	WEST BRANCH//	Collector:	Other	
County:	Ogemaw	Date Collected:	04/29/2014	10:00
Sample Point:	SPA	Date Received:	04/30/2014	10:18
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
630 Progress Street
West Branch, MI 48661
989 345-5020

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16123

Official Laboratory Report

Report To: SUPER 8 HOTEL
2596 AUSTINS WAY
PO BOX 338
WEST BRANCH MI 48661

System Name/Owner:	FORWARD CORP	WSSN/Pool ID:	657000	
Collection Address:	2596 AUSTINS WAY,WEST BRANCH	Source:	Swimming Pool or Spa	
Collected By:	LES HOXIE	Site Code:	66842	
Township/Well#/Section:	WEST BRANCH//	Collector:	Other	
County:	Ogemaw	Date Collected:	04/29/2014	10:00
Sample Point:	POOL	Date Received:	04/30/2014	10:18
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
630 Progress Street
West Branch, MI 48661
989 345-5020

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16094

Official Laboratory Report

Report To: SEBEWAING LIGHT & WATER
110 W MAIN ST
SEBEWAING MI 48759

System Name/Owner:		WSSN/Pool ID:	5990
Collection Address:	668 S UNIONVILLE RD,SEBEWAING	Source:	Other
Collected By:	SIGNATURE BANK	Site Code:	
Township/Well#/Section:	SEBEWAING//	Collector:	Public Water Supply Operator
County:	Huron	Date Collected:	04/29/2014 10:25
Sample Point:	KITCHEN SINK	Date Received:	04/30/2014 09:29
Water System:	Treated Public Distribution System	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	332	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.77	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	291	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.1	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	201	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	81	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Huron County Health Dept.
1142 S. Van Dyke
Bad Axe, MI 48413
989 269-9721

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16210

Official Laboratory Report

Report To: CARL SMITH
780 W LAKE ST
SPRUCE MI 48762

System Name/Owner:	SOUTH SHORE FIRE DEPT	WSSN/Pool ID:		
Collection Address:	367 OLD MT MARIA RD,SPRUCE	Source:	TYPE III	
Collected By:	CARL SMITH	Site Code:		
Township/Well#/Section:	HAWES//12	Collector:	Private Citizen	
County:	Alcona	Date Collected:	04/30/2014	10:00
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:48
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	6	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.14	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	260	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	0.4	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	12	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
311 Lake Street
Harrisville, MI 48740
989 724-6757

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16129

Official Laboratory Report

Report To: SHARON CZAIKA
838 LEGGETT RD
TAWAS CITY MI 48763

System Name/Owner:	SHARON CZAIKA	WSSN/Pool ID:		
Collection Address:	838 LEGGETT RD,TAWAS CITY	Source:	Single Family Dwelling	
Collected By:	SHARON CZAIKA	Site Code:		
Township/Well#/Section:	ALABASTER//11	Collector:	Private Citizen	
County:	Iosco	Date Collected:	04/29/2014	14:15
Sample Point:	LAUNDRY ROOM	Date Received:	04/30/2014	10:21
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	305	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.69	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	312	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	236	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
420 West Lake St.
Tawas City, MI 48764
989 362-6183

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16168

Official Laboratory Report

Report To: LARRY ROSE
1292 S US 23
TAWAS CITY MI 48763

System Name/Owner:	ROSE ICE COMPANY	WSSN/Pool ID:		
Collection Address:	1292 S US 23,TAWAS CITY	Source:	TYPE III	
Collected By:	FRANK CHRIVIA	Site Code:		
Township/Well#/Section:	TAWAS/001/2	Collector:	Other	
County:	Iosco	Date Collected:	04/30/2014	14:00
Sample Point:	SAMPLE TAP	Date Received:	05/01/2014	08:10
Water System:	Public System Well	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
420 West Lake St.
Tawas City, MI 48764
989 362-6183

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16228

Official Laboratory Report

Report To: WILLOW SPRINGS GOLF & C C
7335 OAK RD
VASSAR MI 48768

System Name/Owner:	WILLOW SPRINGS GOLF & C C	WSSN/Pool ID:	2077779	
Collection Address:	7335 OAK RD,VASSAR	Source:	TYPE II	
Collected By:	LARRY WARNER	Site Code:		
Township/Well#/Section:	VASSAR//	Collector:	Other	
County:	Tuscola	Date Collected:	04/30/2014	08:30
Sample Point:	KITCHEN	Date Received:	05/01/2014	09:13
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	83	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.89	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	176	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	43	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Tuscola County Health Dept.
1309 Cleaver Rd
Caro, MI 48723
989 673-8114

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16157

Official Laboratory Report

Report To: KIRSTIN CASTLE-OSMER
15282 HAWKS RIDGE DR M-7
BATH MI 48808

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	15060 CHATWYN DR,LANSING	Source:	Single Family Dwelling
Collected By:		Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Clinton	Date Collected:	04/29/2014 16:00
Sample Point:	PRESSURE TANK	Date Received:	04/30/2014 14:49
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.53	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	237	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.6	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	11	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
1307 E Townsend
St. Johns, MI 48879
989 224-2195

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16144

Official Laboratory Report

Report To: BROADWAY ACRES
2502 DOUBLE BOGEY DR
CHARLOTTE MI 48813

System Name/Owner:	GREG SPARKS	WSSN/Pool ID:		
Collection Address:	KITCHEN SINK,CHARLOTTE	Source:	Other	
Collected By:	KELSEY SPARKS	Site Code:		
Township/Well#/Section:	CARMEL//	Collector:	Other	
County:	Eaton	Date Collected:	04/30/2014	10:00
Sample Point:	2510 DOUBLE BOGEY DR	Date Received:	04/30/2014	12:33
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.24	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	360	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.4	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	12	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
1033 Health Care Drive
Charlotte, MI 48813
517 541-2615

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16163

Official Laboratory Report

Report To: SOUTH SHORE CAMPGROUND LLC
2850 S SHORE DR
CRYSTAL MI 48818

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	2850 S SHORE DR,CRYSTAL	Source:	TYPE II	
Collected By:	STEVE CARTER	Site Code:		
Township/Well#/Section:	CRYSTAL/1/	Collector:	Other	
County:	Montcalm	Date Collected:	04/30/2014	15:00
Sample Point:	BATH HOUSE	Date Received:	05/01/2014	08:10
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16164

Official Laboratory Report

Report To: SOUTH SHORE CAMPGROUND LLC
2850 S SHORE DR
CRYSTAL MI 48818

System Name/Owner:			WSSN/Pool ID:		
Collection Address:	2850 S SHORE DR,CRYSTAL		Source:	TYPE II	
Collected By:	STEVE CARTER		Site Code:		
Township/Well#/Section:	CRYSTAL/2/		Collector:	Other	
County:	Montcalm		Date Collected:	04/30/2014	15:00
Sample Point:	WELL HOUSE		Date Received:	05/01/2014	08:10
Water System:	Untreated Private Well		Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16218

Official Laboratory Report

Report To: VALLEY MOTOCROSS/AMY MORELAND
5781 E COLBY RD
CRYSTAL MI 48818

System Name/Owner:	AMY MORELAND/VALLEY MOTOCROSS	WSSN/Pool ID:		
Collection Address:	906 S VICKERYVILLE RD,STANTON	Source:	TYPE III	
Collected By:	AMY MORELAND	Site Code:		
Township/Well#/Section:	EVERGREEN//	Collector:	Private Citizen	
County:	Montcalm	Date Collected:	04/30/2014	12:00
Sample Point:	KITCHEN	Date Received:	05/01/2014	09:00
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	18	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	267	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	1.4	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	7	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	13	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16231

Official Laboratory Report

Report To: FAMILY CAMPGROUND
2851 EDGAR RD
EDMORE MI 48829

System Name/Owner:	CAROLE NEVILS	WSSN/Pool ID:	2038259	
Collection Address:	2851 EDGAR RD,EDMORE	Source:	TYPE III	
Collected By:	CAROLE NEVILLS	Site Code:		
Township/Well#/Section:	HOME/1/	Collector:	Private Citizen	
County:	Montcalm	Date Collected:	04/30/2014	11:00
Sample Point:		Date Received:	05/01/2014	09:16
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	523	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.22	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	229	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	3.2	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	297	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	16	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16216

Official Laboratory Report

Report To: EATON COUNTY PARKS
133 FITZGERALD PARK DR
GRAND LEDGE MI 48837

System Name/Owner:	FOX PARK	WSSN/Pool ID:	2022223	
Collection Address:	3981 GRESHAM HWY,POTTERVILLE	Source:	TYPE II	
Collected By:	JACKIE BLANC	Site Code:		
Township/Well#/Section:	BENTON/20222-23/15	Collector:	County Personnel	
County:	Eaton	Date Collected:	05/01/2014	07:45
Sample Point:	SPIGOT	Date Received:	05/01/2014	09:00
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	5	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.26	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	317	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.3	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	5	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	29	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
1033 Health Care Drive
Charlotte, MI 48813
517 541-2615

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16146

Official Laboratory Report

Report To: JOHN GRECK
4399 SUNDANCE CIRCLE
HOWELL MI 48843

System Name/Owner:	JOHN GRECK	WSSN/Pool ID:		
Collection Address:	4399 SUNDANCE CIRCLE,HOWELL	Source:	Single Family Dwelling	
Collected By:		Site Code:		
Township/Well#/Section:	MARION//	Collector:	Private Citizen	
County:	Livingston	Date Collected:	04/30/2014	11:00
Sample Point:	KITCHEN	Date Received:	04/30/2014	12:33
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Arsenic	0.009	05/01/2014	0.002	0.010	EPA 200.8	7440-38-2
Chloride	Not detected	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.17	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	299	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	1.5	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Lead	Not detected	05/01/2014	0.001	0.015	EPA 200.8	7439-92-1
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	27	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Livingston County Health Dept.
2300 E Grand River
Howell, MI 48843-7579
517 546-9858

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16142

Official Laboratory Report

Report To: JUST IN TIME CAMPGROUND
8421 E PIERCE RD
ITHACA MI 48847

System Name/Owner:	FITZPATRICK CAMPGROUNDS LLC	WSSN/Pool ID:		
Collection Address:	8421 E PIERCE RD,ITHACA	Source:	TYPE II	
Collected By:	RYAN FITZPATRICK	Site Code:		
Township/Well#/Section:	HAMILTON//	Collector:	Other	
County:	Gratiot	Date Collected:	04/26/2014	16:50
Sample Point:		Date Received:	04/30/2014	12:32
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Sample was more than 30 hours old when analyzed. Results will be evaluated by regulating agency.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
151 Commerce
Ithaca, MI 48847
989 875-3681

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16143

Official Laboratory Report

Report To: JUST IN TIME CAMPGROUNDS
8421 E PIERCE RD
ITHACA MI 48847

System Name/Owner:	FITZPATRICK CAMPGROUNDS LLC	WSSN/Pool ID:		
Collection Address:	8421 E PIERCE RD,ITHACA	Source:	TYPE II	
Collected By:	RYAN FITZPATRICK	Site Code:		
Township/Well#/Section:	HAMILTON//	Collector:	Private Citizen	
County:	Gratiot	Date Collected:	04/27/2014	19:00
Sample Point:		Date Received:	04/30/2014	12:32
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Sample was more than 30 hours old when analyzed. Results will be evaluated by regulating agency.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
151 Commerce
Ithaca, MI 48847
989 875-3681

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16190

Official Laboratory Report

Report To: NEWARK MEN CHURCH
3446 ALGER RD
ITHACA MI 48847

System Name/Owner:	NEWARK MEN CHURCH	WSSN/Pool ID:	
Collection Address:	3446 ALGER RD,ITHACA	Source:	Other
Collected By:	BRYAN	Site Code:	
Township/Well#/Section:	//	Collector:	County Personnel
County:	Gratiot	Date Collected:	04/30/2014 13:45
Sample Point:	SAMPLE TAP	Date Received:	05/01/2014 08:15
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.70	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	191	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.6	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	17	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
151 Commerce
Ithaca, MI 48847
989 875-3681

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16165

Official Laboratory Report

Report To: LAKEVIEW CAMPGROUND
5300 CUTLER RD
LAKEVIEW MI 48850

System Name/Owner:		WSSN/Pool ID:	2005059	
Collection Address:	5300 CUTLER RD,LAKEVIEW	Source:	TYPE II	
Collected By:	MAINTENANCE	Site Code:		
Township/Well#/Section:	BELVIDERE/2/	Collector:	Other	
County:	Montcalm	Date Collected:	04/30/2014	13:15
Sample Point:	CAMPSITE FAUCET	Date Received:	05/01/2014	08:10
Water System:	Other	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16166

Official Laboratory Report

Report To: LAKEVIEW CAMPGROUND
5300 CUTLER RD
LAKEVIEW MI 48850

System Name/Owner:		WSSN/Pool ID:	2005059	
Collection Address:	5300 CUTLER RD,LAKEVIEW	Source:	TYPE II	
Collected By:		Site Code:		
Township/Well#/Section:	BELVIDERE/1/	Collector:	Other	
County:	Montcalm	Date Collected:	04/30/2014	13:05
Sample Point:	CAMPSITE FAUCET	Date Received:	05/01/2014	08:10
Water System:	Other	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16219

Official Laboratory Report

Report To: LAKEVIEW CAMPGROUND
5300 CUTLER RD
LAKEVIEW MI 48850

System Name/Owner:		WSSN/Pool ID:	2005059	
Collection Address:	5300 CUTLER RD,LAKEVIEW	Source:	TYPE II	
Collected By:	MAINTENANCE	Site Code:		
Township/Well#/Section:	BELVIDERE/1/	Collector:	Other	
County:	Montcalm	Date Collected:	04/30/2014	13:05
Sample Point:	CAMPSITE FAUCET	Date Received:	05/01/2014	09:03
Water System:	Other	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	6	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.11	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	207	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.4	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16220

Official Laboratory Report

Report To: LAKEVIEW CAMPGROUND
5300 CUTLER RD
LAKEVIEW MI 48850

System Name/Owner:		WSSN/Pool ID:	2005059	
Collection Address:	5300 CUTLER RD,LAKEVIEW	Source:	TYPE II	
Collected By:	MAINTENANCE	Site Code:		
Township/Well#/Section:	BELVIDERE/2/	Collector:	Other	
County:	Montcalm	Date Collected:	04/30/2014	13:15
Sample Point:	CAMPSITE FAUCET	Date Received:	05/01/2014	09:03
Water System:	Other	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	53	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	228	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.2	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	14	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16147

Official Laboratory Report

Report To: ELHORN ENGINEERING CO
889 EDEN RD
MASON MI 48854

System Name/Owner:	SUNSET RIDGE MHP	WSSN/Pool ID:	40662
Collection Address:	7204 E GRAND RIVER AVE,PORTLAND	Source:	TYPE I
Collected By:	J COOPER	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Ionia	Date Collected:	04/30/2014 13:00
Sample Point:	KITCHEN OFFICE	Date Received:	04/30/2014 13:55
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ionia County Health Dept.
175 E. Adams St.
Ionia, MI 48846
616 527-5341

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16148

Official Laboratory Report

Report To: ELHORN ENGINEERING CO
889 EDEN RD
MASON MI 48854

System Name/Owner:	ALLEGAN MHP	WSSN/Pool ID:	40002
Collection Address:	1260 LINCOLN,ALLEGAN	Source:	TYPE I
Collected By:	J COOPER	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Allegan	Date Collected:	04/30/2014 11:00
Sample Point:	16 HOSE BIB	Date Received:	04/30/2014 13:55
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16149

Official Laboratory Report

Report To: ELHORN ENGINEERING CO
889 EDEN RD
MASON MI 48854

System Name/Owner:	PRESTIGE PINES	WSSN/Pool ID:	3857
Collection Address:	1177 SOLON RD,DEWITT	Source:	TYPE I
Collected By:	J COOPER	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Clinton	Date Collected:	04/30/2014 13:40
Sample Point:	KITCHEN UNIT 3	Date Received:	04/30/2014 13:55
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
1307 E Townsend
St. Johns, MI 48879
989 224-2195

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16150

Official Laboratory Report

Report To: ELHORN ENGINEERING CO
889 EDEN RD
MASON MI 48854

System Name/Owner:	HOMECREST MHP	WSSN/Pool ID:	40014
Collection Address:	3394 CARRIE AVE,ALLEGAN	Source:	TYPE I
Collected By:	J COOPER	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Allegan	Date Collected:	04/30/2014 10:40
Sample Point:	BATH LAUNDRY	Date Received:	04/30/2014 13:55
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16151

Official Laboratory Report

Report To: ELHORN ENGINEERING CO
889 EDEN RD
MASON MI 48854

System Name/Owner:	VILLAGE EAST MHP	WSSN/Pool ID:	40028
Collection Address:	1260 LINCOLN RD,ALLEGAN	Source:	TYPE I
Collected By:	J COOPER	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Allegan	Date Collected:	04/30/2014 11:05
Sample Point:	68 HOSE BIB	Date Received:	04/30/2014 13:56
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16152

Official Laboratory Report

Report To: ELHORN ENGINEERING CO
889 EDEN RD
MASON MI 48854

System Name/Owner:	RIVERVIEW MHP	WSSN/Pool ID:	40023
Collection Address:	3460 47TH ST,HAMILTON	Source:	TYPE I
Collected By:	J COOPER	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Allegan	Date Collected:	04/30/2014 10:05
Sample Point:	21 HOSE BIB	Date Received:	04/30/2014 13:56
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16173

Official Laboratory Report

Report To: THOMAS R SMITH
1203 GLENWOOD RD
MT PLEASANT MI 48858

System Name/Owner:	THOMAS R SMITH	WSSN/Pool ID:		
Collection Address:	4300 GIERKE RD,GRAYLING	Source:	Single Family Dwelling	
Collected By:	THOMAS R SMITH	Site Code:		
Township/Well#/Section:	GRAYLING//	Collector:	Other	
County:	Crawford	Date Collected:	04/30/2014	10:00
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:12
Water System:	Untreated Private Well	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	37	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	154	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	37	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	10	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
202 Meadows Drive
Grayling, MI 49738
989 348-7800

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16223

Official Laboratory Report

Report To: DICKENSON HOME INSP
11669 GOLF VIEW
PEWAMO MI 48873

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	8732 SHEPARDSVILLE,LAINGSBURG	Source:	Single Family Dwelling
Collected By:	DAN DICKENSON	Site Code:	
Township/Well#/Section:	VICTOR//	Collector:	Other
County:	Clinton	Date Collected:	04/30/2014 19:00
Sample Point:	BATHROOM	Date Received:	05/01/2014 09:04
Water System:	Untreated Private Well	Purpose:	Real Estate Transaction

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Arsenic	Not detected	05/02/2014	0.002	0.010	EPA 200.8	7440-38-2
Chloride	5	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.78	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	292	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.1	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	15	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	14	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
1307 E Townsend
St. Johns, MI 48879
989 224-2195

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16224

Official Laboratory Report

Report To: DICKENSON HOME INSPECTIONS
11669 GOLF VIEW DR
PEWAMO MI 48873

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	9853 W M21,OVID	Source:	Single Family Dwelling
Collected By:	DAN DICKENSON	Site Code:	
Township/Well#/Section:	MIDDLEBURY//	Collector:	Other
County:	Shiawassee	Date Collected:	04/30/2014 17:00
Sample Point:	OUTSIDE FAUCET	Date Received:	05/01/2014 09:04
Water System:	Untreated Private Well	Purpose:	Real Estate Transaction

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Arsenic	Not detected	05/02/2014	0.002	0.010	EPA 200.8	7440-38-2
Chloride	12	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.23	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	275	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	22	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	33	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Shiawassee County Health Dept.
201 N. Shiawassee
Corunna, MI 48817
989 743-2390

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16225

Official Laboratory Report

Report To: DICKENSON HOME INSP
11669 GOLF VIEW
PEWAMO MI 48873

System Name/Owner:	WINANS	WSSN/Pool ID:	
Collection Address:	6912 CARLAND RD,ELSIE	Source:	Single Family Dwelling
Collected By:	DAN DICKENSON	Site Code:	
Township/Well#/Section:	FAIRFIELD//13	Collector:	Other
County:	Shiawassee	Date Collected:	04/30/2014 20:00
Sample Point:	OUTSIDE SPICKET	Date Received:	05/01/2014 09:04
Water System:	Untreated Private Well	Purpose:	Real Estate Transaction

Sample Comment **LF16225** **Less than 100 mL of sample in bottle; to insure accurate results please fill bottle to 100 mL line.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**POSITIVE**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Coliform bacteria was detected. Consult your county or district health department for investigation of related risks.						
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Arsenic	Not detected	05/02/2014	0.002	0.010	EPA 200.8	7440-38-2
Chloride	Not detected	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.56	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	276	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.2	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	12	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	17	05/01/2014	10		SM 4500 SO4E	14808-79-8

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Shiawassee County Health Dept.
201 N. Shiawassee
Corunna, MI 48817
989 743-2390

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16141

Official Laboratory Report

Report To: JAMES O ROBERTSON
5541 WINDSOR HWY
POTTERVILLE MI 48876

System Name/Owner:	POTTERVILLE MASONIC LODGE	WSSN/Pool ID:		
Collection Address:	4925 N ROYSTON RD,POTTERVILLE	Source:	Single Family Dwelling	
Collected By:		Site Code:		
Township/Well#/Section:	BENTON TWP//	Collector:	Private Citizen	
County:	Eaton	Date Collected:	04/30/2014	09:15
Sample Point:	UTILITY ROOM BEFORE PRESSURE TANK	Date Received:	04/30/2014	10:28
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.27	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	271	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	5.0	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	16	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
1033 Health Care Drive
Charlotte, MI 48813
517 541-2615

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15971

Official Laboratory Report

Report To: GERALD HART
1724 HOLT RD
WILLIAMSTON MI 48895

System Name/Owner:	OMEGA CATTLE CORP	WSSN/Pool ID:		
Collection Address:	4601 E HOLT RD,WEBBERVILLE	Source:	Single Family Dwelling	
Collected By:	JERRY HART	Site Code:		
Township/Well#/Section:	LEROY//14	Collector:	Other	
County:	Ingham	Date Collected:	04/28/2014	20:00
Sample Point:	BATH	Date Received:	04/29/2014	12:53
Water System:	Untreated Private Well	Purpose:	Real Estate Transaction	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/29/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Arsenic	Not Detected	04/29/2014	0.002	0.010	EPA 200.8	7440-38-2
Chloride	Not detected	04/29/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.50	04/29/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	289	04/29/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.4	04/29/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/29/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/29/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	13	04/29/2014	5		SM 3500 NaB	7440-23-5
Sulfate	19	04/29/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16158

Official Laboratory Report

Report To: UNIVERSITY CLUB OF MSU
PO BOX 27157
LANSING MI 48909

System Name/Owner:	UNIVERSITY CLUB OF MSU	WSSN/Pool ID:	
Collection Address:	3435 FOREST RD,LANSING	Source:	Swimming Pool or Spa
Collected By:		Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Ingham	Date Collected:	04/30/2014 09:00
Sample Point:		Date Received:	04/30/2014 15:29
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16186

Official Laboratory Report

Report To: OAK PARK YMCA
900 LONG BLVD
LANSING MI 48911

System Name/Owner:	OAK PARK YMCA	WSSN/Pool ID:	3349102
Collection Address:	900 LONG BLVD,LANSING	Source:	Swimming Pool or Spa
Collected By:	JOE FILKO	Site Code:	
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Ingham	Date Collected:	04/29/2014 11:30
Sample Point:	W-POOL	Date Received:	05/01/2014 08:15
Water System:	Other	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Sample was more than 30 hours old when analyzed. Results will be evaluated by regulating agency.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16187

Official Laboratory Report

Report To: OAK PARK YMCA
900 LONG BLVD
LANSING MI 48911

System Name/Owner:	OAK PARK YMCA	WSSN/Pool ID:	3349101
Collection Address:	900 LONG BLVD,LANSING	Source:	Swimming Pool or Spa
Collected By:	JOE FILKO	Site Code:	
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Ingham	Date Collected:	04/29/2014 11:30
Sample Point:	S-POOL	Date Received:	05/01/2014 08:15
Water System:	Other	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Sample was more than 30 hours old when analyzed. Results will be evaluated by regulating agency.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16125

Official Laboratory Report

Report To: DYER WELL DRILLING & SVC INC
7300 MILLETT HWY
LANSING MI 48917

System Name/Owner:	BILL RAYMAKER	WSSN/Pool ID:	
Collection Address:	2656 N HICKORY,OWOSSO	Source:	Single Family Dwelling
Collected By:	JUSTIN	Site Code:	
Township/Well#/Section:	CALEDONIA//6	Collector:	Other
County:	Shiawassee	Date Collected:	04/29/2014 15:30
Sample Point:	WELL HEAD	Date Received:	04/30/2014 10:19
Water System:	Other	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Shiawassee County Health Dept.
201 N. Shiawassee
Corunna, MI 48817
989 743-2390

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16155

Official Laboratory Report

Report To: WAVERLY SCHOOLS
3809 W ST JOE
LANSING MI 48917

System Name/Owner:	WAVERLY EAST	WSSN/Pool ID:	
Collection Address:	3131 W MICHIGAN AVE,LANSING	Source:	Swimming Pool or Spa
Collected By:	SCOTT	Site Code:	
Township/Well#/Section:	LANSING//	Collector:	Other
County:	Ingham	Date Collected:	04/30/2014 08:00
Sample Point:		Date Received:	04/30/2014 14:31
Water System:	Other	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16156

Official Laboratory Report

Report To: WAVERLY HIGH SCHOOL
160 SNOW RD
LANSING MI 48917

System Name/Owner:	WAVERLY SCHOOLS	WSSN/Pool ID:	2350001
Collection Address:	160 SNOW RD,LANSING	Source:	Swimming Pool or Spa
Collected By:	BILL DAVIS	Site Code:	
Township/Well#/Section:	DELTA//14	Collector:	Other
County:	Eaton	Date Collected:	04/30/2014 07:00
Sample Point:	LAP POOL	Date Received:	04/30/2014 14:31
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
1033 Health Care Drive
Charlotte, MI 48813
517 541-2615

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15960

Official Laboratory Report

Report To: COUNTRYSIDE CHARTER SCHOOLS
4800 MEADOWBROOK
BENTON HARBOR MI 49022

System Name/Owner:	COUNTRYSIDE CHARTER SCHOOLS	WSSN/Pool ID:	2068111
Collection Address:	4800 MEADOWBROOK,BENTON HARBOR	Source:	TYPE II
Collected By:	KEVIN A KASISCHKE RS	Site Code:	
Township/Well#/Section:	BENTON/001/36	Collector:	County Personnel
County:	Berrien	Date Collected:	04/28/2014 13:05
Sample Point:	SAMPLE TAP	Date Received:	04/29/2014 11:22
Water System:	Pressure Tank/Plant Tap	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	5	04/29/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.23	04/29/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	183	04/29/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.3	04/29/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/29/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/29/2014	0.05	1	10-107-04-2-B	14797-65-0
pH Determination	7.99	04/29/2014	2.0		EPA 150.1	PH-00-C
Silica as SiO2	13.9	05/02/2014	0.6		SM 4500-SiO2 C	7440-21-3
Sodium (automated)	10	04/29/2014	5		SM 3500 NaB	7440-23-5
Sulfate	11	04/29/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Berrien County
2106 South M-139
Benton Harbor, MI 49022
269 927-5623

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15961

Official Laboratory Report

Report To: COUNTRYSIDE CHARTER SCHOOLS
4800 MEADOWBROOK
BENTON HARBOR MI 49022

System Name/Owner:	COUNTRYSIDE CHARTER SCHOOLS	WSSN/Pool ID:	2068111
Collection Address:	4800 MEADOWBROOK,BENTON HARBOR	Source:	TYPE II
Collected By:	KEVIN A KASISCHKE RS	Site Code:	
Township/Well#/Section:	BENTON/002/36	Collector:	County Personnel
County:	Berrien	Date Collected:	04/28/2014 13:09
Sample Point:	SAMPLE TAP	Date Received:	04/29/2014 11:23
Water System:	Pressure Tank/Plant Tap	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	13	04/29/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.37	04/29/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	150	04/29/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.2	04/29/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/29/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/29/2014	0.05	1	10-107-04-2-B	14797-65-0
pH Determination	8.06	04/29/2014	2.0		EPA 150.1	PH-00-C
Silica as SiO2	12.9	05/02/2014	0.6		SM 4500-SiO2 C	7440-21-3
Sodium (automated)	14	04/29/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/29/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Berrien County
2106 South M-139
Benton Harbor, MI 49022
269 927-5623

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16234

Official Laboratory Report

Report To: JAMES SCHERER
44846 CR 380
BLOOMINGDALE MI 49026

System Name/Owner:	JEP CAMP 2014	WSSN/Pool ID:		
Collection Address:	18275 47TH ST,BLOOMINGDALE	Source:	TYPE III	
Collected By:	CECIL MUSTAIN	Site Code:	80-0257	
Township/Well#/Section:	COLUMBIA//25	Collector:	Private Citizen	
County:	Van Buren	Date Collected:	04/30/2014	10:30
Sample Point:	FAUCET	Date Received:	05/01/2014	09:17
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	194	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.4	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16235

Official Laboratory Report

Report To: JAMES SCHERER
44846 CR 380
BLOOMINGDALE MI 49026

System Name/Owner:	CHURCH CAMP 2014	WSSN/Pool ID:		
Collection Address:	41338 24TH AVE,BLOOMINGDALE	Source:	TYPE III	
Collected By:	CECIL MUSTAIN	Site Code:	80-0096	
Township/Well#/Section:	BLOOMINGDALE//33	Collector:	Private Citizen	
County:	Van Buren	Date Collected:	04/30/2014	10:00
Sample Point:	FAUCET	Date Received:	05/01/2014	09:17
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	6	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.14	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	263	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.4	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	33	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16236

Official Laboratory Report

Report To: JAMES SCHERER
44846 CR 380
BLOOMINGDALE MI 49026

System Name/Owner:	HUFFMAN CAMP 2014	WSSN/Pool ID:		
Collection Address:	41050 24TH AVE,BLOOMINGDALE	Source:	TYPE III	
Collected By:	CECIL MUSTAIN	Site Code:	80-0088	
Township/Well#/Section:	BLOOMINGDALE//33	Collector:	Private Citizen	
County:	Van Buren	Date Collected:	04/30/2014	09:30
Sample Point:	FAUCET	Date Received:	05/01/2014	09:17
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	7	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.17	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	250	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.3	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	5	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	49	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16191

Official Laboratory Report

Report To: CASS CO HEALTH DEPT
201 M62 NORTH
CASSOPOLIS MI 49031

System Name/Owner:	MS OHARE	WSSN/Pool ID:		
Collection Address:	54965 MOODY DR,EAU CLAIRE	Source:	Single Family Dwelling	
Collected By:	MEREDITH OHARE	Site Code:	13-228	
Township/Well#/Section:	SILVER CREEK//30	Collector:	Private Citizen	
County:	Cass	Date Collected:	04/29/2014	11:45
Sample Point:	BATHROOM	Date Received:	05/01/2014	08:15
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Sample was more than 30 hours old when analyzed. Coliform result is possibly invalid for testing done more than 30 hours after sample collection.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

Chloride	8	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	208	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	6	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	28	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

VanBuren/Cass County Health Dept.
201 M-62 North
Cassopolis, MI 49031
269 445-5280

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16221

Official Laboratory Report

Report To: JOHN FALKNER
51401 CR 352
DECATUR MI 49045

System Name/Owner:	RED CAMP 2014	WSSN/Pool ID:	2052280	
Collection Address:	51250 TERRITORIAL,DECATUR	Source:	TYPE II	
Collected By:	CARLOS UVALLE	Site Code:	80-0180	
Township/Well#/Section:	HAMILTON//10	Collector:	Private Citizen	
County:	Van Buren	Date Collected:	04/30/2014	08:30
Sample Point:	WELL SPICKET	Date Received:	05/01/2014	09:03
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	5	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	191	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.3	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	25	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15682

Official Laboratory Report

Report To: JOHN A VYLONIS
55838 DAVIS LANE
DOWAGIAC MI 49047

System Name/Owner:	JOHN A VYLONIS	WSSN/Pool ID:		
Collection Address:	55838 DAVIS LANE,DOWAGIAC	Source:	Single Family Dwelling	
Collected By:	JOHN A VYLONIS	Site Code:		
Township/Well#/Section:	WAYNE//	Collector:	Private Citizen	
County:	Cass	Date Collected:	04/24/2014	14:00
Sample Point:	OUTSIDE SPIGOT	Date Received:	04/25/2014	08:39
Water System:	Untreated Private Well	Purpose:	Water Quality Problem	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15682

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15682

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
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Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15683

Official Laboratory Report

Report To: MATTHEW CRIPE
26887 NUBOUR RD
DOWAGIAC MI 49047

System Name/Owner:	MATTHEW CRIPE	WSSN/Pool ID:		
Collection Address:	26887 NUBOUR RD,DOWAGIAC	Source:	Single Family Dwelling	
Collected By:	BETH CRIPE	Site Code:		
Township/Well#/Section:	WAYNE//	Collector:	Private Citizen	
County:	Cass	Date Collected:	04/24/2014	13:40
Sample Point:	OUTSIDE SPIGOT	Date Received:	04/25/2014	08:39
Water System:	Untreated Private Well	Purpose:	Water Quality Problem	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15683

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15683

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

VanBuren/Cass County Health Dept.
201 M-62 North
Cassopolis, MI 49031
269 445-5280

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Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF15903

Official Laboratory Report

Report To: PAULETTE CLARK
POB 911
DOWAGIAC MI 49047

System Name/Owner:	PAULETTE CLARK		WSSN/Pool ID:		
Collection Address:	25841 NUBOUR,DOWAGIAC		Source:	Single Family Dwelling	
Collected By:	PAULETTE CLARK		Site Code:		
Township/Well#/Section:	WAYNE//		Collector:	Private Citizen	
County:	Cass		Date Collected:	04/28/2014	09:00
Sample Point:	OUTSIDE FAUCET		Date Received:	04/29/2014	09:43
Water System:	Untreated Private Well		Purpose:	Water Quality Problem	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15903

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15903

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

VanBuren/Cass County Health Dept.
201 M-62 North
Cassopolis, MI 49031
269 445-5280

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15906

Official Laboratory Report

Report To: SAMANTHA AUSRA
26930 NUBOUR RD
DOWAGIAC MI 49047

System Name/Owner:	SAMANTHA AUSRA	WSSN/Pool ID:		
Collection Address:	26930 NUBOUR RD,DOWAGIAC	Source:	Single Family Dwelling	
Collected By:	SAMANTHA AUSRA	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Cass	Date Collected:	04/28/2014	10:50
Sample Point:	KITCHEN	Date Received:	04/29/2014	09:43
Water System:	Untreated Private Well	Purpose:	Water Quality Problem	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15906

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15906

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

VanBuren/Cass County Health Dept.
201 M-62 North
Cassopolis, MI 49031
269 445-5280

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16184

Official Laboratory Report

Report To: BRUCE NEVINS
51256 GARRET RD
DOWAGIAC MI 49047

System Name/Owner:	BRUCE NEVINS	WSSN/Pool ID:		
Collection Address:	51256 GARRET RD,DOWAGIAC	Source:	Other	
Collected By:		Site Code:		
Township/Well#/Section:	SILVER CREEK//	Collector:	Other	
County:	Cass	Date Collected:	04/30/2014	12:00
Sample Point:		Date Received:	05/01/2014	08:14
Water System:	Treated Public Distribution System	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

VanBuren/Cass County Health Dept.
201 M-62 North
Cassopolis, MI 49031
269 445-5280

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16226

Official Laboratory Report

Report To: MATT LUMBERT
11209 STAGECOACH DR
DOWLING MI 49050

System Name/Owner:	WALTERS-DIMMICK PETROLEUM	WSSN/Pool ID:	2037713
Collection Address:	9016 17 MILE RD,MARSHALL	Source:	TYPE II
Collected By:	MATT	Site Code:	
Township/Well#/Section:	/001/	Collector:	Public Water Supply Operator
County:	Calhoun	Date Collected:	04/30/2014 09:30
Sample Point:	BACK ROOM	Date Received:	05/01/2014 09:13
Water System:	Untreated Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	12	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.11	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	296	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.3	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	7	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	37	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Calhoun County Dept. of Public Health
190 E. Michigan
Battle Creek, MI 49014
269 969-6341

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16189

Official Laboratory Report

Report To: VAN BUREN DISTRICT HEALTH DEPT
57418 CR 681
HARTFORD MI 49057

System Name/Owner:	BEACON COTTAGE 1	WSSN/Pool ID:	
Collection Address:	56844 48TH AVE,LAWRENCE	Source:	Single Family Dwelling
Collected By:	GEORGE FRIDAY	Site Code:	1022910
Township/Well#/Section:	ARLINGTON//	Collector:	County Personnel
County:	Van Buren	Date Collected:	04/30/2014 10:00
Sample Point:	KITCHEN SINK	Date Received:	05/01/2014 08:15
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	0.4	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	121	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	28	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16195

Official Laboratory Report

Report To: JASON MEACHUM
60708 54TH AVE
HARTFORD MI 49057

System Name/Owner:	HIGH ACRES FRUIT FARM	WSSN/Pool ID:		
Collection Address:	LAWRENCE CAMP,	Source:	Other	
Collected By:	JASON	Site Code:		
Township/Well#/Section:	LAWRENCE//	Collector:	Other	
County:	Van Buren	Date Collected:	04/30/2014	13:20
Sample Point:	FAUCET	Date Received:	05/01/2014	08:36
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	15	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.10	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	307	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.8	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	5	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	30	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16196

Official Laboratory Report

Report To: JASON MEACHUM
60708 54TH AVE
HARTFORD MI 49057

System Name/Owner:	HIGH ACRES FRUIT FARM	WSSN/Pool ID:		
Collection Address:	NEW WELL HARTFORD CAMP,HARTFORD	Source:	Other	
Collected By:	JASON	Site Code:		
Township/Well#/Section:	HARTFORD//	Collector:	Other	
County:	Van Buren	Date Collected:	04/30/2014	13:10
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:36
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	12	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	382	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	4.6	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	25	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16197

Official Laboratory Report

Report To: JASON MEACHUM
60708 54TH AVE
HARTFORD MI 49057

System Name/Owner:	HIGH ACRES FRUIT FARM	WSSN/Pool ID:		
Collection Address:	OLD WELL HARTFORD CAMP,	Source:	Other	
Collected By:	JASON	Site Code:		
Township/Well#/Section:	HARTFORD//	Collector:	Private Citizen	
County:	Van Buren	Date Collected:	04/30/2014	13:00
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:36
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**POSITIVE**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Coliform bacteria was detected. Consult your county or district health department for investigation of related risks.						
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	7	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	299	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	2.0	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	17	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16103

Official Laboratory Report

Report To: DEB COLE
2049 NORTH M-43 HWY
HASTINGS MI 49058

System Name/Owner:	DELTON HEADSTART	WSSN/Pool ID:	2009308
Collection Address:	10085 SOUTH M-43 HWY,DELTON	Source:	TYPE II
Collected By:	MATT	Site Code:	
Township/Well#/Section:	/001/	Collector:	Public Water Supply Operator
County:	Barry	Date Collected:	04/29/2014 07:30
Sample Point:	ROOM #1	Date Received:	04/30/2014 09:36
Water System:	Treated/Softened Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	05/01/2014	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	05/01/2014	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
330 West Woodlawn Ave
Hastings, MI 49058
269 945-9516

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16104

Official Laboratory Report

Report To: DEB COLE
2049 NORTH M-43 HWY
HASTINGS MI 49058

System Name/Owner:	DELTON HEADSTART	WSSN/Pool ID:	2009308
Collection Address:	10085 SOUTH M-43 HWY,DELTON	Source:	TYPE II
Collected By:	MATT	Site Code:	
Township/Well#/Section:	/001/	Collector:	Public Water Supply Operator
County:	Barry	Date Collected:	04/29/2014 08:05
Sample Point:	ROOM #4	Date Received:	04/30/2014 09:36
Water System:	Treated/Softened Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	05/01/2014	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	05/01/2014	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
330 West Woodlawn Ave
Hastings, MI 49058
269 945-9516

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16105

Official Laboratory Report

Report To: DEB COLE
2049 NORTH M-43 HWY
HASTINGS MI 49058

System Name/Owner:	DELTON HEADSTART	WSSN/Pool ID:	2009308
Collection Address:	10085 SOUTH M-43 HWY,DELTON	Source:	TYPE II
Collected By:	MATT	Site Code:	
Township/Well#/Section:	/001/	Collector:	Public Water Supply Operator
County:	Barry	Date Collected:	04/29/2014 07:40
Sample Point:	ROOM 2	Date Received:	04/30/2014 09:36
Water System:	Treated/Softened Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	05/01/2014	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	05/01/2014	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
330 West Woodlawn Ave
Hastings, MI 49058
269 945-9516

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16106

Official Laboratory Report

Report To: DEB COLE
2049 NORTH M-43 HWY
HASTINGS MI 49058

System Name/Owner:	DELTON HEADSTART	WSSN/Pool ID:	2009308
Collection Address:	10085 SOUTH M-43 HWY,DELTON	Source:	TYPE II
Collected By:	MATT	Site Code:	
Township/Well#/Section:	/001/	Collector:	Public Water Supply Operator
County:	Barry	Date Collected:	04/29/2014 07:50
Sample Point:	ROOM #3	Date Received:	04/30/2014 09:36
Water System:	Treated/Softened Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	05/01/2014	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	05/01/2014	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
330 West Woodlawn Ave
Hastings, MI 49058
269 945-9516

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16179

Official Laboratory Report

Report To: RIVERGATE CAMPGROUND
2514 S CHARLTON PARK RD
HASTINGS MI 49058

System Name/Owner:	RIVERGATE CAMPGROUND	WSSN/Pool ID:	2002008	
Collection Address:	2514 S CHARLTON PARK RD,HASTINGS	Source:	TYPE II	
Collected By:	J BARNARD	Site Code:		
Township/Well#/Section:	HASTINGS/003/24	Collector:	Private Citizen	
County:	Barry	Date Collected:	04/30/2014	15:32
Sample Point:	OUTSIDE TAP	Date Received:	05/01/2014	08:14
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
330 West Woodlawn Ave
Hastings, MI 49058
269 945-9516

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16180

Official Laboratory Report

Report To: RIVERGATE CAMPGROUND
2514 S CHARLTON PARK RD
HASTINGS MI 49058

System Name/Owner:	RIVERGATE CAMPGROUND	WSSN/Pool ID:	2002008	
Collection Address:	2514 S CHARLTON PARK RD,HASTINGS	Source:	TYPE II	
Collected By:	J BARNARD	Site Code:		
Township/Well#/Section:	HASTINGS/004/26	Collector:	Private Citizen	
County:	Barry	Date Collected:	04/30/2014	15:19
Sample Point:	OUTSIDE TAP	Date Received:	05/01/2014	08:14
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
330 West Woodlawn Ave
Hastings, MI 49058
269 945-9516

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16193

Official Laboratory Report

Report To: LAWTON COMMUNITY CENTER
646 N NURSERY
PO BOX 192
LAWTON MI 49065

System Name/Owner:	LAWTON COMMUNITY CENTER	WSSN/Pool ID:		
Collection Address:	646 N NURSERY ST,LAWTON	Source:	TYPE II	
Collected By:	RYAN CALDWELL	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Van Buren	Date Collected:	04/30/2014	09:01
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:15
Water System:	Other	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	13	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.13	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	166	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.9	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	58	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	32	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16159

Official Laboratory Report

Report To: CAMP THORNAPPLE INC
5625 THORNAPPLE LAKE RD
NASHVILLE MI 49073

System Name/Owner:	CAMP THORNAPPLE INC	WSSN/Pool ID:	2000208
Collection Address:	5625 THORNAPPLE LAKE RD,NASHVILLE	Source:	TYPE II
Collected By:	MIKE LEDYARD	Site Code:	
Township/Well#/Section:	CASTLETON//30	Collector:	Public Water Supply Operator
County:	Barry	Date Collected:	04/30/2014 14:45
Sample Point:	FAUCET 9	Date Received:	04/30/2014 16:10
Water System:	Other	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
330 West Woodlawn Ave
Hastings, MI 49058
269 945-9516

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16154

Official Laboratory Report

Report To: FOUR ROSES - TOM ROSE
663 10TH ST
PLAINWELL MI 49080

System Name/Owner:	TOM ROSE	WSSN/Pool ID:	2064503	
Collection Address:	663 10TH ST,PLAINWELL	Source:	TYPE II	
Collected By:	TOM ROSE	Site Code:		
Township/Well#/Section:	GUN PLAIN//	Collector:	Private Citizen	
County:	Allegan	Date Collected:	04/29/2014	12:30
Sample Point:	KITCHEN	Date Received:	04/30/2014	14:22
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	22	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	126	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	72	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16092

Official Laboratory Report

Report To: LESLIE J SCHULL JR
18364 6TH AVE
THREE RIVERS MI 49093

System Name/Owner:	LESLIE J SCHULL JR	WSSN/Pool ID:	
Collection Address:	18364 6TH AVE,THREE RIVERS	Source:	Single Family Dwelling
Collected By:	LESLIE SCHULL	Site Code:	
Township/Well#/Section:	LOCKPORT//	Collector:	Private Citizen
County:	St Joseph	Date Collected:	04/29/2014 14:00
Sample Point:	KITCHEN	Date Received:	04/30/2014 09:29
Water System:	Untreated Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	25	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.10	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	277	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	6.7	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	8	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	28	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Branch-Hiilsdale-St. Joseph Health Dept
1110 Hill St.
Three Rivers, MI 49093
269 273-2161

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16232

Official Laboratory Report

Report To: COREY LAKE ORCHARDS OPERATION
12147 COREY LAKE RD
THREE RIVERS MI 49093

System Name/Owner:	COREY LAKE NORTH 2014	WSSN/Pool ID:		
Collection Address:	12147 COREY LAKE RD,THREE RIVERS	Source:	TYPE III	
Collected By:	NICHOL	Site Code:	75-0002	
Township/Well#/Section:	FABIUS//28	Collector:	Private Citizen	
County:	St Joseph	Date Collected:	04/30/2014	09:00
Sample Point:	BATHROOM	Date Received:	05/01/2014	09:17
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	9	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	163	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.9	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Branch-Hiilsdale-St. Joseph Health Dept
1110 Hill St.
Three Rivers, MI 49093
269 273-2161

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16233

Official Laboratory Report

Report To: COREY LAKE ORCHARDS OPERATION
12147 COREY LAKE RD
THREE RIVERS MI 49093

System Name/Owner:	COREY LAKE SOUTH 2014	WSSN/Pool ID:		
Collection Address:	12147 COREY LAKE RD,THREE RIVERS	Source:	TYPE III	
Collected By:	NICHOL	Site Code:	75-0001	
Township/Well#/Section:	FABIUS//28	Collector:	Private Citizen	
County:	St Joseph	Date Collected:	04/30/2014	09:00
Sample Point:	KITCHEN	Date Received:	05/01/2014	09:17
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	8	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	155	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	1.6	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Branch-Hiilsdale-St. Joseph Health Dept
1110 Hill St.
Three Rivers, MI 49093
269 273-2161

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16140

Official Laboratory Report

Report To: MAPLE VALLEY SCHOOLS
11090 NASHVILLE HWY
VERMONTVILLE MI 49096

System Name/Owner:	MAPLE VALLEY SCHOOLS	WSSN/Pool ID:	2011623	
Collection Address:	11090 NASHVILLE HWY,VERMONTVILLE	Source:	TYPE II	
Collected By:	PAT POWERS	Site Code:	399	
Township/Well#/Section:	VERMONTVILLE/1/30	Collector:	Other	
County:	Eaton	Date Collected:	04/30/2014	09:25
Sample Point:	KITCHEN SINK	Date Received:	04/30/2014	10:28
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
1033 Health Care Drive
Charlotte, MI 48813
517 541-2615

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16192

Official Laboratory Report

Report To: JOHN HERSHEY
68836 WALLOWA RD
WHITE PIGEON MI 49099

System Name/Owner:	JOHN & LINDA HERSHEY	WSSN/Pool ID:		
Collection Address:	68836 WALLOWA RD,WHITE PIGEON	Source:	Single Family Dwelling	
Collected By:	LINDA HERSHEY	Site Code:		
Township/Well#/Section:	WHITE PIGEON/2/	Collector:	Private Citizen	
County:	St Joseph	Date Collected:	04/30/2014	10:48
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:15
Water System:	Treated/Softened Private Well	Purpose:	Repair/Construction/New Well	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	53	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	300	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	2.7	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	48	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Branch-Hiilsdale-St. Joseph Health Dept
1110 Hill St.
Three Rivers, MI 49093
269 273-2161

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16177

Official Laboratory Report

Report To: BRADLEY & KEANE CAMPGROUND
5405 E MICH AVE
JACKSON MI 49201

System Name/Owner:	JAMES LESTER	WSSN/Pool ID:	2050638	
Collection Address:	7945 DUNN RD,MUNITH	Source:	Other	
Collected By:	RANDY GATTSHALL	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Jackson	Date Collected:	04/30/2014	14:30
Sample Point:	BACK WELL 2050638	Date Received:	05/01/2014	08:14
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Jackson County Health Dept.
1697 Lansing Ave.
Jackson, MI 49202
517 788-4433

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16178

Official Laboratory Report

Report To: BRADLEY & KEANE CAMPGROUND
5405 E MICH AVE
JACKSON MI 49201

System Name/Owner:	JAMES LESTER	WSSN/Pool ID:	2053638	
Collection Address:	7945 DUNN RD,MUNITH	Source:	Other	
Collected By:	RANDY GATTSHALL	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Jackson	Date Collected:	04/30/2014	14:35
Sample Point:	FRONTWELL 2053638	Date Received:	05/01/2014	08:14
Water System:	Untreated Private Well	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Jackson County Health Dept.
1697 Lansing Ave.
Jackson, MI 49202
517 788-4433

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16203

Official Laboratory Report

Report To: DONQUE ELLIS
4717 PIN OAK TRAIL
JACKSON MI 49201

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	4717 PIN OAK TRAIL,JACKSON	Source:	Single Family Dwelling
Collected By:	DONQUE ELLIS	Site Code:	
Township/Well#/Section:	BLACKMAN//	Collector:	Other
County:	Jackson	Date Collected:	04/28/2014 14:45
Sample Point:	KITCKEN REFRIGERATOR	Date Received:	05/01/2014 08:47
Water System:	Treated/Softened Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	27	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.30	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	152	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	29	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Jackson County Health Dept.
1697 Lansing Ave.
Jackson, MI 49202
517 788-4433

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16183

Official Laboratory Report

Report To: PARADISE CAMPGROUND
17864 US 12
CEMENT CITY MI 49233

System Name/Owner:	PARADISE CAMPGROUND	WSSN/Pool ID:	2029346	
Collection Address:	17864 US 12,CEMENT CITY	Source:	TYPE II	
Collected By:	TERRY WILLIAMS	Site Code:		
Township/Well#/Section:	WOODSTOCK//	Collector:	Private Citizen	
County:	Lenawee	Date Collected:	04/30/2014	09:00
Sample Point:	FAUCETT	Date Received:	05/01/2014	08:14
Water System:	Public System Well	Purpose:	Repeat Sample	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lenawee County Health Dept.
1040 S. Winter St #2328
Adrian, MI 49221-3871
517 264-5202

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16131

Official Laboratory Report

Report To: MAGNUM PLANT SERVICES INC
4975 JACOB ROAD
GRASS LAKE MI 49240

System Name/Owner:	ST LOUIS CENTER	WSSN/Pool ID:	6325
Collection Address:	16195 OLD US 12,CHELSEA	Source:	TYPE I
Collected By:	DAN GEYER	Site Code:	
Township/Well#/Section:	SYLVAN//	Collector:	Public Water Supply Operator
County:	Washtenaw	Date Collected:	04/29/2014 13:00
Sample Point:	MAIN KITCHEN	Date Received:	04/30/2014 10:21
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Washtenaw Co Dept. of Planning & Environment
705 N. Zeeb Road
Ann Arbor, MI 48107-8645
734 222-3800

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16132

Official Laboratory Report

Report To: MAGNUM PLANT SERVICES INC
4975 JACOB ROAD
GRASS LAKE MI 49240

System Name/Owner:	ST LOUIS CENTER	WSSN/Pool ID:	6325
Collection Address:	16195 OLD US 12,CHELSEA	Source:	TYPE I
Collected By:	DAN GEYER	Site Code:	
Township/Well#/Section:	SYLVAN//	Collector:	Public Water Supply Operator
County:	Washtenaw	Date Collected:	04/29/2014 12:50
Sample Point:	PLANT TAP	Date Received:	04/30/2014 10:21
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	0.005	05/01/2014	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Washtenaw Co Dept. of Planning & Environment
705 N. Zeeb Road
Ann Arbor, MI 48107-8645
734 222-3800

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16222

Official Laboratory Report

Report To: HILLSDALE COLLEGE
4302 BANKERS RD
HILLSDALE MI 49242

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	,	Source:	Other	
Collected By:	BART SPIETH	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Unknown	Date Collected:	04/30/2014	12:00
Sample Point:	WELL WATER	Date Received:	05/01/2014	09:03
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Unknown

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16194

Official Laboratory Report

Report To: PAUL L STUTZMAN
28646 V DRIVE S
HOMER MI 49245

System Name/Owner:	PAUL L STUTZMAN	WSSN/Pool ID:	
Collection Address:	28646 V DRIVE S,HOMER	Source:	Single Family Dwelling
Collected By:	PAUL L STUTZMAN	Site Code:	
Township/Well#/Section:	HOMER//	Collector:	Private Citizen
County:	Calhoun	Date Collected:	04/29/2014 11:15
Sample Point:	KITCHEN	Date Received:	05/01/2014 08:15
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**POSITIVE**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Coliform bacteria was detected. Consult your county or district health department for investigation of related risks.						
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	11	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.32	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	247	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.2	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	6	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	47	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Calhoun County Dept. of Public Health
190 E. Michigan
Battle Creek, MI 49014
269 969-6341

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15681

Official Laboratory Report

Report To: MAINSTREET AUTO SALES
5511 ALPINE AVE NW
COMSTOCK PARK MI 49321

System Name/Owner:	STEVEN BRATSCHIE	WSSN/Pool ID:	2098241	
Collection Address:	5511 ALPINE AVE NW,COMSTOCK PARK	Source:	TYPE II	
Collected By:	JODIE ROBERTS	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Kent	Date Collected:	04/24/2014	12:15
Sample Point:	BACK WELL - GARAGE	Date Received:	04/25/2014	08:39
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15681

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	0.0025	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15681

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

A trip blank was not available for analysis with this sample.

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Kent County Health Dept.
700 Fuller NE
Grand Rapids, MI 49503
616 632-6900

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16198

Official Laboratory Report

Report To: DUSTIN CAMPBELL
5770 MAPLE HILL RD
HOWARD CITY MI 49329

System Name/Owner:	CAMPBELL	WSSN/Pool ID:	
Collection Address:	5770 MAPLE HILL RD,HOWARD CITY	Source:	Single Family Dwelling
Collected By:	ERIC DEFORD 23602	Site Code:	
Township/Well#/Section:	PIERSON//2	Collector:	County Personnel
County:	Montcalm	Date Collected:	04/30/2014 14:30
Sample Point:	KITCHEN SINK	Date Received:	05/01/2014 08:36
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**POSITIVE**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Coliform bacteria was detected. Consult your county or district health department for investigation of related risks.						
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	12	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.22	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	275	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.2	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	7	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	21	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16115

Official Laboratory Report

Report To: BLUEGILL LAKE FAMILY CAMPING R
15854 PRETTY LAKE DR
MECOSTA MI 49332

System Name/Owner:	PAUL MALTRE	WSSN/Pool ID:	2021154	
Collection Address:	15854 PRETTY LAKE DR,MECOSTA	Source:	TYPE II	
Collected By:	MALTRE	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Mecosta	Date Collected:	04/29/2014	12:00
Sample Point:	SAMPLE TAP	Date Received:	04/30/2014	09:46
Water System:	Public System Well	Purpose:	Routine Monitoring	

Sample Comment **LF16115** **Sample was not submitted in a DEQ Drinking Water Laboratory sampling unit. Quality control check for that lot of sampling units was not performed by the DEQ laboratory.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
14485 Northland Drive
Big Rapids, MI 49307
231 592-0178

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16237

Official Laboratory Report

Report To: LUDINGTON STATE PARK
8800 W M116
LUDINGTON MI 49431

System Name/Owner:	DNR-PRD-LSP	WSSN/Pool ID:	2000853
Collection Address:	LUDINGTON STATE PARK,LUDINGTON	Source:	TYPE II
Collected By:	KEVIN SWYGERT	Site Code:	001
Township/Well#/Section:	HAMLIN//	Collector:	Public Water Supply Operator
County:	Mason	Date Collected:	04/30/2014 13:20
Sample Point:	PINES #2	Date Received:	05/01/2014 09:19
Water System:	Public System Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
916 Diana
Ludington, MI 49431
231 845-7381

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16238

Official Laboratory Report

Report To: LUDINGTON STATE PARK
8800 W M116
LUDINGTON MI 49431

System Name/Owner:	DNR-PRD-LSP	WSSN/Pool ID:	2000853
Collection Address:	LUDINGTON STATE PARK,LUDINGTON	Source:	TYPE II
Collected By:	KEVIN SWYGERT	Site Code:	001
Township/Well#/Section:	HAMLIN//	Collector:	Public Water Supply Operator
County:	Mason	Date Collected:	04/30/2014 13:15
Sample Point:	PINES #1	Date Received:	05/01/2014 09:19
Water System:	Public System Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
916 Diana
Ludington, MI 49431
231 845-7381

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16239

Official Laboratory Report

Report To: LUDINGTON STATE PARK
8800 W M116
LUDINGTON MI 49431

System Name/Owner:	DNR-PRD-LSP	WSSN/Pool ID:	2000853
Collection Address:	LUDINGTON STATE PARK,LUDINGTON	Source:	TYPE II
Collected By:	KEVIN SWYGERT	Site Code:	001
Township/Well#/Section:	HAMLIN//	Collector:	Public Water Supply Operator
County:	Mason	Date Collected:	04/30/2014 13:20
Sample Point:	PINES #2	Date Received:	05/01/2014 09:19
Water System:	Public System Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	31	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.93	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	125	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.7	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	62	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
916 Diana
Ludington, MI 49431
231 845-7381

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16181

Official Laboratory Report

Report To: MUSKEGON COUNTY FACILITIES MGT
199 E APPLE AVE
MUSKEGON MI 49440

System Name/Owner:	MUSKEGON COUNTY FAIRGROUNDS	WSSN/Pool ID:	2023361
Collection Address:	6621 HGTS RAVENNA RD,FRUITPORT	Source:	TYPE II
Collected By:	S A HOLKE	Site Code:	
Township/Well#/Section:	SULLIVAN/4-H-2/	Collector:	Public Water Supply Operator
County:	Muskegon	Date Collected:	04/30/2014 14:30
Sample Point:	TEST TAP	Date Received:	05/01/2014 08:14
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Muskegon County Health Dept.
209 E. Apple, Suite C173
Muskegon, MI 49442
231 724-6208

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16182

Official Laboratory Report

Report To: MUSKEGON COUNTY FACILITIES MGT
199 E APPLE AVE
MUSKEGON MI 49440

System Name/Owner:	MUSKEGON COUNTY FAIRGROUNDS	WSSN/Pool ID:	2023361
Collection Address:	6621 HGTS RAVENNA RD,FRUITPORT	Source:	TYPE II
Collected By:	S A HOLKE	Site Code:	
Township/Well#/Section:	SULLIVAN/4-H-1/	Collector:	Public Water Supply Operator
County:	Muskegon	Date Collected:	04/30/2014 14:30
Sample Point:	SPIGGOT	Date Received:	05/01/2014 08:14
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Muskegon County Health Dept.
209 E. Apple, Suite C173
Muskegon, MI 49442
231 724-6208

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16188

Official Laboratory Report

Report To: PIONEER RESOURCES
1145 E WESLEY AVE
MUSKEGON MI 49442

System Name/Owner:	PIONEER RESOURCES	WSSN/Pool ID:	2030761	
Collection Address:	1419 E FRUITVALE RD/PIONEER TRA,HOL	Source:	TYPE II	
Collected By:	DEWITT	Site Code:		
Township/Well#/Section:	BLUE LAKE//	Collector:	Private Citizen	
County:	Muskegon	Date Collected:	04/30/2014	14:25
Sample Point:	DAY CAMP/CRAFT BUILDING	Date Received:	05/01/2014	08:15
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Muskegon County Health Dept.
209 E. Apple, Suite C173
Muskegon, MI 49442
231 724-6208

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16124

Official Laboratory Report

Report To: WESCO INC
1460 WHITEHALL RD
MUSKEGON MI 49445

System Name/Owner:	WESCO #17	WSSN/Pool ID:	2026864	
Collection Address:	4667 FIRST ST,NEW ERA	Source:	TYPE II	
Collected By:	ROB HOMFELD	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Oceana	Date Collected:	04/29/2014	09:30
Sample Point:	FOUNTAIN AREA FAUCET	Date Received:	04/30/2014	10:19
Water System:	Other	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
3986 North Oceana Drive
Hart, MI 49420
231 873-2193

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16185

Official Laboratory Report

Report To: STEPHEN YATES
3500 STRAND RD
MUSKEGON MI 49445

System Name/Owner:	STEPHEN YATES	WSSN/Pool ID:	2022361	
Collection Address:	,MUSKEGON	Source:	TYPE II	
Collected By:	STEPHEN YATES	Site Code:		
Township/Well#/Section:	DALTON//	Collector:	Other	
County:	Muskegon	Date Collected:	04/30/2014	09:30
Sample Point:	SITE #21 CAMPSITE	Date Received:	05/01/2014	08:14
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Muskegon County Health Dept.
209 E. Apple, Suite C173
Muskegon, MI 49442
231 724-6208

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16199

Official Laboratory Report

Report To: TIFFANY VAN DYKE
4601 LAKE MICHIGAN DR NW
GRAND RAPIDS MI 49534

System Name/Owner:	AMY DISHER	WSSN/Pool ID:	
Collection Address:	6710 BIRCH SHORE DR,LAKEVIEW	Source:	Single Family Dwelling
Collected By:	ERIC DEFORD 23607	Site Code:	
Township/Well#/Section:	CATO//1	Collector:	County Personnel
County:	Montcalm	Date Collected:	04/30/2014 11:30
Sample Point:	KITCHEN SINK	Date Received:	05/01/2014 08:36
Water System:	Treated/Softened Private Well	Purpose:	Real Estate Transaction

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	78	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	280	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	1.6	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	34	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	15	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16114

Official Laboratory Report

Report To: GARY LINDER
PO BOX 113
HERSEY MI 49639

System Name/Owner:	GERHARD LINDER	WSSN/Pool ID:		
Collection Address:	15670 BEECH ROAD,HERSEY	Source:	Single Family Dwelling	
Collected By:	GARY LINDER	Site Code:		
Township/Well#/Section:	GRANT//	Collector:	MDA Staff	
County:	Mecosta	Date Collected:	04/29/2014	15:00
Sample Point:	KITCHEN FAUCET	Date Received:	04/30/2014	09:42
Water System:	Untreated Private Well	Purpose:	Water Quality Problem	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
pH Determination	7.54	04/30/2014	2.0		EPA 150.1	PH-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
14485 Northland Drive
Big Rapids, MI 49307
231 592-0178

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16217

Official Laboratory Report

Report To: BEL-MOR LLC
1030 COUNTY RD 612 NE
KALKASKA MI 49646

System Name/Owner:	GREG MORRIS	WSSN/Pool ID:		
Collection Address:	1030 COUNTY RD 612 NE,KALKASKA	Source:	TYPE II	
Collected By:	JARED KORES	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Kalkaska	Date Collected:	04/30/2014	13:20
Sample Point:	KITCHEN	Date Received:	05/01/2014	09:00
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	8	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	196	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	1.8	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
625 Courthouse Drive
Kalkaska, MI 49646
231 258-8669

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15905

Official Laboratory Report

Report To: NORTHERN HOME INSPECTIONS
3366 AMERICAN WAY
WILLIAMSBURG MI 49690

System Name/Owner:	FANNIE MAE	WSSN/Pool ID:	
Collection Address:	723 WEST LEONARD RD,MANCELONA	Source:	Single Family Dwelling
Collected By:	MIKE COMAI	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Antrim	Date Collected:	04/28/2014
Sample Point:	KITCHEN	Date Received:	04/29/2014 09:43
Water System:	Untreated Private Well	Purpose:	Real Estate Transaction

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15905

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	0.0070	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15905

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

A trip blank was not available for analysis with this sample.

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Northwest Michigan Community Health Agency
209 Portage Drive
Bellaire, MI 49615
231 533-8670

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16091

Official Laboratory Report

Report To: NORMA M DELONG
114145 HULBERT RD
PO BOX 22
HULBERT MI 49748

System Name/Owner:	WILLIAM M DELONG	WSSN/Pool ID:	
Collection Address:	114145 HULBERT RD,HULBERT	Source:	Single Family Dwelling
Collected By:		Site Code:	PARCEL ID - 17-007-135-016-00
Township/Well#/Section:	HULBERT TWP//	Collector:	Private Citizen
County:	Chippewa	Date Collected:	04/29/2014 12:20
Sample Point:	KITCHEN	Date Received:	04/30/2014 09:29
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	10	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	172	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	1.3	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	0.5	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	12	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Chippewa County Health Dept.
508 Ashmun, Suite 120
Sault Sainte Marie, MI 49783
906 635-3620

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16116

Official Laboratory Report

Report To: HIAWATHA HOME INSPECTION
2373 W FAIR AVE
MARQUETTE MI 49855

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	435 JORY DR,GWINN	Source:	Single Family Dwelling
Collected By:		Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Marquette	Date Collected:	04/26/2014 13:30
Sample Point:	KITCHEN	Date Received:	04/30/2014 09:46
Water System:	Untreated Private Well	Purpose:	Real Estate Transaction

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	7	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	47	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	12	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Marquette County Health Dept.
184 US 41 Hwy East
Negaunee, MI 49866
906 475-4195

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16205

Official Laboratory Report

Report To: PATTI ARSINEAU
909 10TH AVE
MENOMINEE MI 49858

System Name/Owner:	SCHLAUD AFC HOME	WSSN/Pool ID:	
Collection Address:	W8677 CR 356,STEPHENSON	Source:	TYPE III
Collected By:	PATTI ARSINEAU	Site Code:	
Township/Well#/Section:	LAKE//4	Collector:	County Personnel
County:	Menominee	Date Collected:	04/29/2014 11:00
Sample Point:	KITCHEN	Date Received:	05/01/2014 08:48
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	Not detected	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	112	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	12	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Public Health Delta & Menominee Counties
909 Tenth Ave.
Menominee, MI 49858
906 863-4451

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16102

Official Laboratory Report

Report To: MICHELE CAMPBELL
W9289 COUNTY LINE RD
VULCAN MI 49892

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	W9289 COUNTY LINE RD,VULCAN	Source:	Single Family Dwelling	
Collected By:	MICHELE CAMPBELL	Site Code:		
Township/Well#/Section:	FAITHORN TWP//	Collector:	Other	
County:	Menominee	Date Collected:	04/28/2014	09:00
Sample Point:	KITCHEN	Date Received:	04/30/2014	09:35
Water System:	Treated/Softened Private Well	Purpose:	Real Estate Transaction	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	Not detected	05/01/2014	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Public Health Delta & Menominee Counties
909 Tenth Ave.
Menominee, MI 49858
906 863-4451

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16127

Official Laboratory Report

Report To: SOCIETY OF ST JOHN
6559 STATE HWY M26
EAGLE HARBOR MI 49950

System Name/Owner:	SOCIETY OF ST JOHN	WSSN/Pool ID:		
Collection Address:	6500 STATE HWY M26,EAGLE HARBOR	Source:	TYPE III	
Collected By:	FR AMBROSE	Site Code:		
Township/Well#/Section:	EAGLE HARBOR//15	Collector:	Private Citizen	
County:	Keweenaw	Date Collected:	04/29/2014	10:51
Sample Point:	KITCHEN	Date Received:	04/30/2014	10:19
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Western Upper Peninsula District
540 Depot Street
Hancock, MI 49930
906 482-7382

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

Message

From: Kevin Forbes [kevin@beecherwater.us]
Sent: 12/12/2013 12:31:56 PM
To: Rosenthal, Adam (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd8a68b2ca8b48ca9daef33d204269c0-Rosenthal Adam]
Subject: FW: Coliform Bacteria results
Attachments: Beecher 12-11-2013.pdf

Kevin Forbes

Superintendent

Beecher Metropolitan District

810.787.6526 office

810.787.0050 fax

PPI cell

From: Michael Glasgow [mailto:mglasgow@cityofflint.com]
Sent: Wednesday, December 11, 2013 2:49 PM
To: Kevin Forbes
Subject: Coliform Bacteria results

Kevin,

Attached are the coliform bacteria results from samples delivered on 12/10/2013. All samples were good.

Mike Glasgow

City of Flint Water Plant

DEPARTMENT OF UTILITIES
Water Plant & Facilities

Department of Utilities
FLINT WATER PLANT

Dayne Walling
Mayor

Brent Wright
Supervisor

Beecher Water Department
Attn: Kevin Forbes
G-1057 Louis Ave
Flint, MI 48505
(810) 787-6526
(810) 787-0050 fax
kevin@beecherwater.us

December 11, 2013

Laboratory Results

Sampling Information				Bacteriological Results		
Sample #	Sample ID	Sample Date	Time	Test Date	Total Coliform	Fecal Coliform / *E. coli*
Sta. # 1	1057 Louis Ave	12/10/2013	7:32	12/10/2013	Absent *	Absent *
Sta. # 2	6141 N. Saginaw Rd.	12/10/2013	9:07	12/10/2013	Absent *	Absent *
Sta. # 3	5204 N. Saginaw Rd.	12/10/2013	9:45	12/10/2013	Absent *	Absent *
Sta. # 5	2203 W Coldwater Rd.	12/10/2013	11:20	12/10/2013	Absent *	Absent *
Sta. # 6	1240 E Coldwater Rd.	12/10/2013	9:28	12/10/2013	Absent *	Absent *
Well # 6	2003 W. Stanley Rd.	12/10/2013	8:44	12/10/2013	Absent *	Absent *

* Standard Methods 9223 B. Enzyme Substrate Test Presence-Absence.

Mike Glasgow
City of Flint Water Plant WSSN: 2310
Laboratory & Water Quality Supervisor
(810) 787-6537 ext. 3512
Mglasgow@cityofflint.com

FLINT
WATER PLANT & FACILITIES

Laboratory Testing Services

4500 N. Dort Hwy.

Flint, MI 48505

(810)767-6537

(810) 787-3710 fax

Customer:	Beecher Water Dept.
Contact:	Kevin Forbes
Address:	G-1057 Louis Ave Flint, MI 48505
Phone # :	(810) 787-6526
Fax # :	(810) 787-0050
E-mail:	kevin@beecherwater.us

Samples relinquished by: Kevin Forbes

Date: 12-10-13 Time: 12:00 pm

Samples received by: [signature]

Date: 12/10/13 Time: 12:00

Analysis Requested

Sample #	Sample Identification	Date	Time	Initials	Coliform	pH	Fluoride	NH_3	Other
STA #1	1057 Louis Ave	12-10-13	7:32 AM	KF	X				
Well #6	2003 W. Stanley Rd	12-10-13	8:44 AM	KF	X				
STA #2	6141 N. Saginaw Rd	12-10-13	9:07 AM	KF	X				
STA #6	1240 E. Coldwater Rd	12-10-13	9:28 AM	KF	X				
STA #3	5304 N. Saginaw Rd	12-10-13	9:45 AM	KF	X				
STA #5	2203 W. Coldwater Rd	12-10-13	11:30 AM	KF	X				
					X				
					X				

Message

From: Kevin Forbes [kevin@beecherwater.us]
Sent: 12/30/2013 1:20:53 PM
To: Rosenthal, Adam (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd8a68b2ca8b48ca9daef33d204269c0-Rosenthal Adam]
Subject: FW: Bacteria Samples 2/24 and 2/25
Attachments: Beecher 12-26-2013.pdf

Kevin Forbes

Superintendent

Beecher Metropolitan District

810.787.6526 office

810.787.0050 fax

PPI cell

From: Nicole Alexander [mailto:nalexander@cityofflint.com]
Sent: Friday, December 27, 2013 3:13 PM
To: kevin
Subject: Bacteria Samples 2/24 and 2/25

If you need anything else, give me a call.

Nickie

DEPARTMENT OF UTILITIES
Water Plant & Facilities

Department of Utilities
FLINT WATER PLANT

Dayne Walling
Mayor

Brent Wright
Supervisor

Beecher Water Department
Attn: Kevin Forbes
G-1057 Louis Ave
Flint, MI 48505
(810) 787-6526
(810) 787-0050 fax
kevin@beecherwater.us

December 26, 2013

Laboratory Results

Sampling Information				Bacteriological Results		
Sample #	Sample ID	Sample Date	Time	Test Date	Total Coliform	Fecal Coliform / *E. coli*
Sta. # 1	1057 Louis Ave	12/25/2013	9:55	12/25/2013	Absent *	Absent *
Sta. # 2	6141 N. Saginaw Rd.	12/25/2013	10:14	12/25/2013	Absent *	Absent *
Sta. # 3	5204 N. Saginaw Rd.	12/25/2013	10:40	12/25/2013	Absent *	Absent *
Sta. # 4	5227 N. Saginaw	12/25/2013	11:04	12/25/2013	Absent *	Absent *
Sta. # 5	2203 W Coldwater Rd.	12/25/2013	11:32	12/25/2013	Absent *	Absent *
Sta. #6	1240 E Coldwater Rd	12/25/2013	11:45	12/25/2013	Absent *	Absent *
#2 FP	6218 Penwood	12/25/2013	12:02	12/25/2013	Absent *	Absent *
#3 FP	2003 W Stanley Rd	12/25/2013	12:15	12/25/2013	Absent *	Absent *

* Standard Methods 9223 B. Enzyme Substrate Test Presence-Absence.

Nicole Alexander
City of Flint Water Plant WSSN: 2310
Water Plant Laboratory Technician
(810) 787-6537 ext. 3512
Mglasgow@cityofflint.com

FLINT
WATER PLANT & FACILITIES

Laboratory Testing Services
4500 N. Dort Hwy.
Flint, MI 48505
(810)787-6537
(810) 787-3710 fax

Customer:	Beecher Water Dept.
Contact:	Kevin Forbes
Address:	G-1057 Louis Ave Flint, MI 48505
Phone #:	(810) 787-6526
Fax #:	(810) 787-0050
E-mail:	kevin@beecherwater.us

Samples relinquished by: Kevin Forbes
Date: 12-25-13 Time: 12:30 pm
Samples received by: Nicole Alexander
Date: 12/25/13 Time: 1930

Analysis Requested

Sample #	Sample Identification	Date	Time	Initials	Coliform	pH	Fluoride	NH3	Other
STA #1	1057 Louis Ave	12-25-13	9:55 AM	KF	X				
STA #2	6141 N. Saginaw Rd	12-25-13	10:14 AM	KF	X				
STA #3	5304 N. Saginaw Rd	12-25-13	10:40 AM	KF	X				
STA #4	5227 N. Saginaw Rd	12-25-13	11:04 AM	KF	X				
STA #5	2203 W. Coldwater Rd	12-25-13	11:32 AM	KF	X				
STA #6	1240 E. Coldwater Rd	12-25-13	11:45 AM	KF	X				
#2 FP	6216 Penwood	12-25-13	12:02 PM	KF	X				
#3 FP	2003 W. Stanley Rd	12-25-13	12:15 PM	KF	X				

DEPARTMENT OF UTILITIES
Water Plant & Facilities

Department of Utilities
FLINT WATER PLANT

Dayne Walling
Mayor

Brent Wright
Supervisor

Beecher Water Department
Attn: Kevin Forbes
G-1057 Louis Ave
Flint, MI 48505
(810) 787-6526
(810) 787-0050 fax
kevin@beecherwater.us

December 26, 2013

Laboratory Results

Sampling Information				Bacteriological Results		
Sample #	Sample ID	Sample Date	Time	Test Date	Total Coliform	Fecal Coliform / *E. coli*
Sta. # 1	1057 Louis Ave	12/24/2013	9:50	12/24/2013	Absent *	Absent *
Sta. # 2	6141 N. Saginaw Rd.	12/24/2013	10:24	12/24/2013	Absent *	Absent *
Sta. # 3	5204 N. Saginaw Rd.	12/24/2013	10:42	12/24/2013	Absent *	Absent *
Sta. # 4	5227 N. Saginaw	12/24/2013	11:00	12/24/2013	Absent *	Absent *
Sta. # 5	2203 W. Coldwater Rd.	12/24/2013	11:16	12/24/2013	Absent *	Absent *
Sta. #6	1240 E Coldwater Rd	12/24/2013	11:34	12/24/2013	Absent *	Absent *
#2 FP	6218 Penwood	12/24/2013	11:48	12/24/2013	Absent *	Absent *
#3 FP	2003 W Stanley Rd	12/24/2013	12:04	12/24/2013	Absent *	Absent *

* Standard Methods 9223 B. Enzyme Substrate Test Presence-Absence.

Nicole Alexander

Nicole Alexander
City of Flint Water Plant WSSN: 2310
Water Plant Laboratory Technician
(810) 787-6537 ext. 3512
Mglasgow@cityofflint.com

FLINT
WATER PLANT & FACILITIES

Laboratory Testing Services

4500 N. Dort Hwy.

Flint, MI 48505

(810)787-6537

(810) 787-3710 fax

Customer:	Beecher Water Dept.
Contact:	Kevin Forbes
Address:	G-1057 Louis Ave Flint, MI 48505
Phone # :	(810) 787-6526
Fax # :	(810) 787-0050
E-mail:	kevin@beecherwater.us

Samples relinquished by: Kevin Forbes

Date: 12-24-13 Time: 12:25

Samples received by: Nicole Alexander

Date: 12/24/13 Time: 1285

Analysis Requested

Sample #	Sample Identification	Date	Time	Initials	Coliform	pH	Fluoride	NH_3	Other
Sta #1	1057 Louis Ave	12-24-13	9:50 AM	KF	X				
Sta #2	6141 N. Saginaw Rd	12-24-13	10:29 AM	KF	X				
Sta #3	5904 N. Saginaw Rd	12-24-13	10:42 AM	KF	X				
Sta #4	5207 N. Saginaw Rd	12-24-13	11:00 AM	KF	X				
Sta #5	2203 W. Carpenter Rd	12-24-13	11:18 AM	KF	X				
Sta #6	1240 E. Carpenter Rd	12-24-13	11:34 AM	KF	X				
#2 FP	6218 Penrod	12-24-13	11:48 AM	KF	X				
#3 FP	2003 W. Stanley Rd	12-24-13	12:04 PM	KF	X				

Message

From: Kevin Forbes [kevin@beecherwater.us]
Sent: 2/10/2014 7:02:18 PM
To: Rosenthal, Adam (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd8a68b2ca8b48ca9daef33d204269c0-Rosenthal Adam]
Subject: FW: Coliform testing results from 2/5/2014
Attachments: Beecher2-6-2014.pdf

Kevin Forbes

Superintendent

Beecher Metropolitan District

810.787.6526 office

810.787.0050 fax

PPI cell

From: Michael Glasgow [mailto:mglasgow@cityofflint.com]
Sent: Monday, February 10, 2014 12:59 PM
To: Kevin Forbes
Subject: Coliform testing results from 2/5/2014

Kevin,

Attached are the coliform results from samples delivered on 2/5/2014. All samples were good. Sorry for the delay, I was unable to access the internet last week.

Mike Glasgow

City of Flint Water Plant

DEPARTMENT OF UTILITIES
Water Plant & Facilities

Department of Utilities
FLINT WATER PLANT

Dayne Walling
Mayor

Brent Wright
Supervisor

February 6, 2014

Beecher Water Department
Attn: Kevin Forbes
G-1057 Louis Ave
Flint, MI 48505
(810) 787-6526
(810) 787-0050 fax
kevin@beecherwater.us

Laboratory Results

Sampling Information				Bacteriological Results		
Sample #	Sample ID	Sample Date	Time	Test Date	Total Coliform	Fecal Coliform / *E. coli*
Sta. #1	1057 Louis Ave	2/5/2014	11:38	2/5/2014	Absent *	Absent *
Sta. #2	6141 N. Saginaw	2/5/2014	9:26	2/5/2014	Absent *	Absent *
Sta. #3	5204 N Saginaw	2/5/2014	11:01	2/5/2014	Absent *	Absent *
Sta. #4	5227 N. Saginaw	2/5/2014	11:28	2/5/2014	Absent *	Absent *
Sta. #5	2203 W Coldwater	2/5/2014	9:09	2/5/2014	Absent *	Absent *
Sta. #6	1240 E Coldwater	2/5/2014	10:32	2/5/2014	Absent *	Absent *
Well #5	6218 Penwood	2/5/2014	10:06	2/5/2014	Absent *	Absent *
Well #6	2003 W. Stanley Rd	2/5/2014	9:45	2/5/2014	Absent *	Absent *

* Standard Methods 9223 B. Enzyme Substrate Test Presence-Absence.

Mike Glasgow
City of Flint Water Plant WSSN: 2310
Laboratory & Water Quality Supervisor
(810) 787-6537 ext. 3512
Mglasgow@cityofflint.com

FLINT
WATER PLANT & FACILITIES

Laboratory Testing Services

4500 N. Dort Hwy.

Flint, MI 48505

(810)787-6537

(810) 787-3710 fax

Customer:	Beecher Water Dept.
Contact:	Kevin Forbes
Address:	G-1057 Louis Ave Flint, MI 48505
Phone # :	(810) 787-6526
Fax # :	(810) 787-0050
E-mail:	kevin@beecherwater.us

Samples relinquished by: Eric Southward

Date: 2/5/14 Time: 12:10 pm

Samples received by: R. Jackson

Date: 2-5-14 Time: 1210

					Analysis Requested				
Sample #	Sample Identification	Date	Time	Initials	Coliform	pH	Fluoride	NH_3	Other
Sta. #5	2203 W Coldwater	2/5/14	9:09 am	ES	X				
Sta #2	6141 N Saginaw St	2/5/14	9:26 Am	ES	X				
well #6	2003 W Stanley	2/5/14	9:45 Am	ES	X				
well #5	6218 Penwood	2/5/14	10:06 am	ES	X				
Sta. #6	1240 E. Coldwater	2/5/14	10:32 am	ES	X				
Sta. #3	5204 N. Saginaw	2/5/14	11:01	ES	X				
Sta #4	5227 N. Saginaw	2/5/14	11:28	ES	X				
Sta #1	1057 Louis Ave	2/5/14	11:38	ES	X				

From: DEQ-DWMA-SEMI
Sent: Friday, February 14, 2014 8:52 AM
To: Rosenthal, Adam (DEQ)
Subject: FW: DEQ-Laboratory Report-Macomb-2014-02-13
Attachments: MACOMB-2014-02-13-01.PDF

Hi Adam,

The first page of the attached PDF is for Genesee County. Not sure how it ended up with mine...

-Carolyn

-----Original Message-----
From: DEQ-DWR-LABREPORTS
Sent: Thursday, February 13, 2014 3:38 PM
To: JARROD.MURPHY@MACOMBGOV.ORG; LAURA.POBANZ@MACOMBGOV.ORG; JENNIFER.SNYDER@MACOMBGOV.ORG; Graham, Lois (DEQ); SCOTT.HANKUS@MACOMBGOV.ORG; DEQ-DWMA-SEMI
Subject: DEQ-Laboratory Report-Macomb-2014-02-13

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF09161

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	LAKE PARK WATER CO	WSSN/Pool ID:	2277
Collection Address:	9500 LAKE PARK DR,GRAND BLANC	Source:	TYPE I
Collected By:	J STAGGS	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/11/2014 14:50
Sample Point:	HOSE BIB 1058	Date Received:	02/12/2014 09:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**02/12/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF09162

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	HOMETOWN SPRINGROOM MHC	WSSN/Pool ID:	40327
Collection Address:	71400 VAN DYKE RD,ROMEO	Source:	TYPE I
Collected By:	J STAGGS	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Macomb	Date Collected:	02/11/2014 10:20
Sample Point:	FAUCET OFFICE	Date Received:	02/12/2014 09:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**02/12/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Macomb County Health Dept.
43525 Elizabeth
Mount Clemens, MI 48043
586 469-5236

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF09163

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	HOMETOWN SPRINGBROOK	WSSN/Pool ID:	40327
Collection Address:	71400 VAN DYKE RD,ROMEO	Source:	TYPE I
Collected By:	J STAGGS	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Macomb	Date Collected:	02/11/2014 10:05
Sample Point:	HOSE BIB 11823	Date Received:	02/12/2014 09:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**02/12/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Macomb County Health Dept.
43525 Elizabeth
Mount Clemens, MI 48043
586 469-5236

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF09164

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	SASHABAAS MEADOWS	WSSN/Pool ID:	40575
Collection Address:	4359 DOGWOOD BLVD,CLARKSTON	Source:	TYPE I
Collected By:	J STAGGS	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Oakland	Date Collected:	02/11/2014 12:37
Sample Point:	FAUCET OFFICE	Date Received:	02/12/2014 09:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**02/12/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: Everett Persall Sr <dpwdirector@cityofmontrose.us>
Sent: Thursday, March 20, 2014 11:11 AM
To: Rosenthal, Adam (DEQ)
Subject: FW: DEQ-Laboratory Report-40300801 Arsenic Quarterly Testing
Attachments: 40300801.PDF

Adam,
Results on Arsenic Testing

Everett Persall Sr
City of Montrose
Director of Public Works
dpwdirector@cityofmontrose.us
810-223-5456

In accordance with Federal law and US Department of Agriculture policy, this institution is prohibited from discriminating on the basis of race, color, national origin, age, disability, religion, sex and familial status. (Not all prohibited bases apply to all programs.)

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-----Original Message-----
From: DEQ-DWR-LABREPORTS [mailto:DEQ-DWR-LABREPORTS2@michigan.gov]
Sent: Monday, March 17, 2014 11:44 AM
To: DPWDIRECTOR@CITYOFMONTROSE.US
Subject: DEQ-Laboratory Report-40300801

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF11376

Official Laboratory Report

Report To: CITY OF MONTROSE
141 PARKWAY DR
PO BOX 348
MONTROSE MI 48457

System Name/Owner:	CITY OF MONTROSE	WSSN/Pool ID:	4480	
Collection Address:	205 S SAGINAW,MONTROSE	Source:	TYPE I	
Collected By:	NICK BOGART	Site Code:	CH001	
Township/Well#/Section:	MONTROSE/1/	Collector:	Other	
County:	Genesee	Date Collected:	03/10/2014	14:00
Sample Point:	WELL SAMPLE ROOM	Date Received:	03/11/2014	11:02
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	0.010	03/12/2014	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: Kaiser, Rebecca (DEQ)
Sent: Tuesday, April 22, 2014 10:16 AM
To: Rosenthal, Adam (DEQ)
Subject: FW: DEQ-Laboratory Report-Alcona-2014-04-18
Attachments: ALCONA-2014-04-18.PDF

Adam,

This mess of a lab report has some of your counties, at least Ingham and Genesee.

Thanks,

Rebecca Kaiser
Environmental Quality Analyst, DEQ
Office of Drinking Water and Municipal Assistance
401 Ketchum St, Suite B
Bay City, MI 48708
989-894-6263
989-891-9213 fax

-----Original Message-----
From: DEQ-DWR-LABREPORTS
Sent: Friday, April 18, 2014 12:38 PM
To: ALCONA@DHD2.ORG; London, Bob (DEQ); Kaiser, Rebecca (DEQ); Graham, Lois (DEQ)
Subject: DEQ-Laboratory Report-Alcona-2014-04-18

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14705

Official Laboratory Report

Report To: GRAHAM 453543

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	1170 SCHOOL,ROCHESTER HILLS	Source:	Single Family Dwelling	
Collected By:	PLEVINSKI	Site Code:	STLF	
Township/Well#/Section:	AVON//	Collector:	County Personnel	
County:	Oakland	Date Collected:	04/15/2014	10:44
Sample Point:	FRONT OT	Date Received:	04/16/2014	08:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	04/17/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	04/17/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	04/17/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	04/17/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	04/17/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	04/17/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	04/17/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	04/17/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	04/17/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	04/17/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	04/17/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	04/17/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	04/17/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	04/17/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	04/17/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	04/17/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	04/17/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	04/17/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	04/17/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	04/17/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	04/17/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	04/17/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	04/17/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	04/17/2014	0.0005	0.080	EPA 524.2	75-25-2

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14705

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	04/17/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	04/17/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	04/17/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	04/17/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	04/17/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	04/17/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	04/17/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	04/17/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	04/17/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	04/17/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	04/17/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	04/17/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	04/17/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	04/17/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	04/17/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	04/17/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	04/17/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	04/17/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	04/17/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	04/17/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	04/17/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	04/17/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	04/17/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	04/17/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	04/17/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	04/17/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	04/17/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	04/17/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	04/17/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	04/17/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	04/17/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	04/17/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	04/17/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	04/17/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	04/17/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	04/17/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	04/17/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	04/17/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	04/17/2014	0.0005	0.005	EPA 524.2	79-01-6

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF14705

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	04/17/2014	0 0004	0 002	EPA 524 2	75-01-4

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

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MCL : Maximum Contaminant Level
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14766

Official Laboratory Report

Report To:

MI

System Name/Owner:	HALE FAMILY DOLLAR 140415-7	WSSN/Pool ID:	2023235	
Collection Address:	316 S WASHINGTON,HALE	Source:	TYPE II	
Collected By:	TOM SCHMIDT	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Iosco	Date Collected:	04/15/2014	13:35
Sample Point:	EMPLOYEE BATHROOM SINK	Date Received:	04/16/2014	11:09
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	10	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.42	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	228	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.8	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	18	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	26	04/16/2014	10		SM 4500 SO4E	14808-79-8

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
420 West Lake St.
Tawas City, MI 48764
989 362-6183

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Sample Number
LF14767

Official Laboratory Report

Report To:

MI

System Name/Owner:	NORTHRIDGE FAMILY PRACTICE 140	WSSN/Pool ID:	2023935	
Collection Address:	3190 NORTHRIDGE DRIVE,HALE	Source:	TYPE II	
Collected By:	TOM SCHMIDT	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Iosco	Date Collected:	04/15/2014	12:04
Sample Point:	KITCHEN SINK	Date Received:	04/16/2014	11:09
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	19	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.44	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	124	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	21	04/16/2014	10		SM 4500 SO4E	14808-79-8

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
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Tawas City, MI 48764
989 362-6183

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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF14768

Official Laboratory Report

Report To:

MI

System Name/Owner:	FORWARDS OF HALE 140415-6	WSSN/Pool ID:	2020435
Collection Address:	103 WASHINGTON,HALE	Source:	TYPE II
Collected By:	TOM SCHMIDT	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Iosco	Date Collected:	04/15/2014 14:10
Sample Point:	KITCHEN SINK	Date Received:	04/16/2014 11:09
Water System:	Public System Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	45	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.34	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	145	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	20	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
420 West Lake St.
Tawas City, MI 48764
989 362-6183

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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF14769

Official Laboratory Report

Report To:

MI

System Name/Owner:	PICKLES HARD HAT BAR 140415-11	WSSN/Pool ID:	2000735	
Collection Address:	1942 M-65,HALE	Source:	TYPE II	
Collected By:	TOM SCHMIDT	Site Code:	BOB+JUDY	
Township/Well#/Section:	//	Collector:	Other	
County:	Iosco	Date Collected:	04/15/2014	11:15
Sample Point:		Date Received:	04/16/2014	11:09
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	Not detected	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.56	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	132	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	18	04/16/2014	10		SM 4500 SO4E	14808-79-8

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Tawas City, MI 48764
989 362-6183

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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF14771

Official Laboratory Report

Report To:

MI

System Name/Owner:	HALE MARATHON #153/140415-8	WSSN/Pool ID:	2021335	
Collection Address:	101 W MAIN,HALE	Source:	TYPE II	
Collected By:	TOM SCHMIDT	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Iosco	Date Collected:	04/15/2014	14:26
Sample Point:	BACKROOM SINK	Date Received:	04/16/2014	11:09
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	12	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.29	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	125	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	15	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
420 West Lake St.
Tawas City, MI 48764
989 362-6183

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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14772

Official Laboratory Report

Report To:

MI

System Name/Owner:	VICTORIAN CAFE 140415-13	WSSN/Pool ID:	2024235
Collection Address:	216 S WASHINGTON,HALE	Source:	TYPE II
Collected By:	TOM SCHMIDT	Site Code:	AMANDA - SH? MNG
Township/Well#/Section:	//	Collector:	Other
County:	Iosco	Date Collected:	04/15/2014 14:46
Sample Point:	KITCHEN SINK	Date Received:	04/16/2014 11:09
Water System:	Public System Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	18	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.44	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	125	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	23	04/16/2014	10		SM 4500 SO4E	14808-79-8

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14773

Official Laboratory Report

Report To:

MI

System Name/Owner:	HARRYS CONEY ISLAND 140415-9	WSSN/Pool ID:	2024135
Collection Address:	3112 N M-65,HALE	Source:	TYPE II
Collected By:	TOM SCHMIDT	Site Code:	TAMMY + JOHN
Township/Well#/Section:	//	Collector:	Other
County:	Iosco	Date Collected:	04/15/2014 11:47
Sample Point:	KITCHEN SINK	Date Received:	04/16/2014 11:09
Water System:	Public System Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	5	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.35	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	116	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	13	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
420 West Lake St.
Tawas City, MI 48764
989 362-6183

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14822

Official Laboratory Report

Report To:

MI

System Name/Owner:		WSSN/Pool ID:	23128001	
Collection Address:	,	Source:	Other	
Collected By:	DALE	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Unknown	Date Collected:	04/16/2014	11:00
Sample Point:		Date Received:	04/16/2014	16:32
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Unknown

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14823

Official Laboratory Report

Report To:

MI

System Name/Owner:		WSSN/Pool ID:	23128002	
Collection Address:	,	Source:	Other	
Collected By:	DALE	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Unknown	Date Collected:	04/16/2014	11:00
Sample Point:		Date Received:	04/16/2014	16:32
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**POSITIVE**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Coliform bacteria was detected. Consult your county or district health department for investigation of related risks.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Unknown

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14778

Official Laboratory Report

Report To: JACK BELT
14430 HOUGH RD
ALLENTON MI 48002

System Name/Owner:	ARMADA RUBBER MFG	WSSN/Pool ID:	2008850
Collection Address:	24586 ARMADA RIDGE,ARMADA	Source:	TYPE II
Collected By:	JACK BELT #10682	Site Code:	
Township/Well#/Section:	ARMADA//	Collector:	Public Water Supply Operator
County:	Macomb	Date Collected:	04/15/2014 10:30
Sample Point:	OFFICE SINK	Date Received:	04/16/2014 11:11
Water System:	Other	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	Not detected	04/17/2014	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Macomb County Health Dept.
43525 Elizabeth
Mount Clemens, MI 48043
586 469-5236

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14758

Official Laboratory Report

Report To: HENRY DEBLOUW
PO BOX 100
CAPAC MI 48014

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	26501 BORDMAN - TRAILER,RILEY	Source:	TYPE III	
Collected By:	KEN PERIAN	Site Code:	74-0006	
Township/Well#/Section:	RILEY//31	Collector:	Other	
County:	St Clair	Date Collected:	04/15/2014	15:10
Sample Point:	KITCHEN	Date Received:	04/16/2014	11:06
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**POSITIVE**	**04/16/2014**			**SM 9223 B**	**TC-00-B**
Coliform bacteria detected. Results will be evaluated by regulating agency.						
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	21	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.75	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	285	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.7	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	26	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	16	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

St. Clair County Health Dept.
3415 28th St.
Port Huron, MI 48060
810 987-5306

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14759

Official Laboratory Report

Report To: HENRY DEBLOUW
PO BOX 100
CAPAC MI 48014

System Name/Owner:	VILLAGE OF CAPAC	WSSN/Pool ID:		
Collection Address:	15313 BRYCE RD - BLOCK HOUSE,CAPAC	Source:	TYPE III	
Collected By:	KEN PERIAN	Site Code:	74-0008	
Township/Well#/Section:	MUSSEY//28	Collector:	Other	
County:	St Clair	Date Collected:	04/15/2014	16:00
Sample Point:	KITCHEN	Date Received:	04/16/2014	11:06
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	181	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	1.0	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	274	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	141	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	128	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

St. Clair County Health Dept.
3415 28th St.
Port Huron, MI 48060
810 987-5306

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14760

Official Laboratory Report

Report To: HENRY DEBLOUW
PO BOX 100
CAPAC MI 48014

System Name/Owner:	VILLAGE OF CAPAC	WSSN/Pool ID:		
Collection Address:	15313 BRYCE RD - TRAILER,CAPAC	Source:	TYPE III	
Collected By:	KEN PERIAN	Site Code:		
Township/Well#/Section:	MUSSEY//28	Collector:	Other	
County:	St Clair	Date Collected:	04/15/2014	16:00
Sample Point:		Date Received:	04/16/2014	11:06
Water System:	Treated Public Distribution System	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	172	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	1.0	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	266	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	148	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	131	04/16/2014	10		SM 4500 SO4E	14808-79-8

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

St. Clair County Health Dept.
3415 28th St.
Port Huron, MI 48060
810 987-5306

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14761

Official Laboratory Report

Report To: HENRY DEBLOUW
PO BOX 100
CAPAC MI 48014

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	25261 BORDMAN,RILEY	Source:	TYPE III
Collected By:	KEN PERIAN	Site Code:	74-0003
Township/Well#/Section:	RILEY//	Collector:	Other
County:	St Clair	Date Collected:	04/15/2014 15:00
Sample Point:	KITCHEN	Date Received:	04/16/2014 11:06
Water System:	Untreated Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.73	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	189	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.6	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	20	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

St. Clair County Health Dept.
3415 28th St.
Port Huron, MI 48060
810 987-5306

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14762

Official Laboratory Report

Report To: HENRY DEBLOUW
PO BOX 100
CAPAC MI 48014

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	212 GLASSFORD,CAPAC	Source:	TYPE III	
Collected By:	KEN PERIAN	Site Code:	74-0004	
Township/Well#/Section:	MUSSEY//	Collector:	Other	
County:	St Clair	Date Collected:	04/15/2014	16:12
Sample Point:	KITCHEN	Date Received:	04/16/2014	11:06
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	230	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	1.1	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	312	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	161	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	157	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

St. Clair County Health Dept.
3415 28th St.
Port Huron, MI 48060
810 987-5306

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14763

Official Laboratory Report

Report To: HENRY DEBLOUW
PO BOX 100
CAPAC MI 48014

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	11459 LAMBS RD,MEMPHIS	Source:	TYPE III	
Collected By:	KEN PERIAN	Site Code:	74-0012	
Township/Well#/Section:	//	Collector:	Other	
County:	St Clair	Date Collected:	04/15/2014	16:12
Sample Point:	KITCHEN	Date Received:	04/16/2014	11:06
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	35	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.56	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	379	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	3.3	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	32	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	32	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

St. Clair County Health Dept.
3415 28th St.
Port Huron, MI 48060
810 987-5306

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14764

Official Laboratory Report

Report To: HENRY DEBLOUW
PO BOX 100
CAPAC MI 48014

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	13618 FOLEY RD,CAPAC	Source:	TYPE III	
Collected By:	KEN PERIAN	Site Code:		
Township/Well#/Section:	MUSSEY//	Collector:	Other	
County:	St Clair	Date Collected:	04/15/2014	16:15
Sample Point:	KITCHEN	Date Received:	04/16/2014	11:06
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	13	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.31	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	407	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	2.9	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	12	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	66	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

St. Clair County Health Dept.
3415 28th St.
Port Huron, MI 48060
810 987-5306

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14765

Official Laboratory Report

Report To: HENRY DEBLOUW
PO BOX 100
CAPAC MI 48014

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	209 SOUTH MAIN ST,CAPAC	Source:	TYPE III	
Collected By:	KEN PERIAN	Site Code:	74-0005	
Township/Well#/Section:	MUSSEY//	Collector:	Other	
County:	St Clair	Date Collected:	04/15/2014	16:11
Sample Point:	KITCHEN	Date Received:	04/16/2014	11:06
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	187	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	1.0	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	270	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	146	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	127	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

St. Clair County Health Dept.
3415 28th St.
Port Huron, MI 48060
810 987-5306

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14885

Official Laboratory Report

Report To: TIM MARSEE
6045 FRED W MOORE
CHINA MI 48054

System Name/Owner:	SAM PIZZO	WSSN/Pool ID:		
Collection Address:	2698 DEAN,WASHINGTON TWP	Source:	Single Family Dwelling	
Collected By:	TIM MARSEE	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Macomb	Date Collected:	04/16/2014	11:00
Sample Point:	KITCHEN	Date Received:	04/17/2014	09:15
Water System:	Untreated Private Well	Purpose:	Real Estate Transaction	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	8	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.59	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	94	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	21	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Macomb County Health Dept.
43525 Elizabeth
Mount Clemens, MI 48043
586 469-5236

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14868

Official Laboratory Report

Report To: BUFFA MONCRIEF
12050 WOODWARD
HIGHLAND PARK MI 48203

System Name/Owner:	CITY OF HIGHLAND PARK	WSSN/Pool ID:	
Collection Address:	15045 HAMILTON,HIGHLAND PARK	Source:	TYPE I
Collected By:	BUFFA MONCRIEF	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Wayne	Date Collected:	04/16/2014 15:10
Sample Point:	BATHROOM	Date Received:	04/17/2014 09:04
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14869

Official Laboratory Report

Report To: BUFFA MONCRIEF
12050 WOODWARD AVE
HIGHLAND PARK MI 48203

System Name/Owner:	CITY OF HIGHLAND PARK	WSSN/Pool ID:	3140
Collection Address:	17050 HAMILTON,HIGHLAND PARK	Source:	TYPE I
Collected By:	BUFFA MONCRIEF	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Wayne	Date Collected:	04/16/2014 12:50
Sample Point:	KITCHEN	Date Received:	04/17/2014 09:04
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14870

Official Laboratory Report

Report To: BUFFA MONCRIEF
12050 WOODWARD
HIGHLAND PARK MI 48203

System Name/Owner:	CITY OF HIGHLAND PARK	WSSN/Pool ID:	3140
Collection Address:	11831 HAMILTON,HIGHLAND PARK	Source:	TYPE I
Collected By:	BUFFA MONCRIEF	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Wayne	Date Collected:	04/16/2014 14:30
Sample Point:	BATHROOM	Date Received:	04/17/2014 09:04
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14871

Official Laboratory Report

Report To: BUFFA MONCRIEF
12050 WOODWARD AVE
HIGHLAND PARK MI 48203

System Name/Owner:	CITY OF HIGHLAND PARK	WSSN/Pool ID:	3140
Collection Address:	15900 WOODWARD AVE,HIGHLAND PARK	Source:	TYPE I
Collected By:	BUFFA MONCRIEF	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Wayne	Date Collected:	04/16/2014 13:20
Sample Point:	BATHROOM	Date Received:	04/17/2014 09:04
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14872

Official Laboratory Report

Report To: BUFFA MONCRIEF
12050 WOODWARD AVE
HIGHLAND PARK MI 48203

System Name/Owner:	CITY OF HIGHLAND PARK	WSSN/Pool ID:	3140
Collection Address:	14100 WOODWARD,HIGHLAND PARK	Source:	TYPE I
Collected By:	BUFFA MONCRIEF	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Wayne	Date Collected:	04/16/2014 13:50
Sample Point:	KITCHEN	Date Received:	04/17/2014 09:04
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14873

Official Laboratory Report

Report To: BUFFA MONCRIEF
12050 WOODWARD AVE
HIGHLAND PARK MI 48203

System Name/Owner:	CITY OF HIGHLAND PK	WSSN/Pool ID:	3140
Collection Address:	13400 OAKLAND,HIGHLAND PARK	Source:	TYPE I
Collected By:	BUFFA MONCRIEF	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Wayne	Date Collected:	04/16/2014 15:40
Sample Point:	BATH	Date Received:	04/17/2014 09:04
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14874

Official Laboratory Report

Report To: BUFFA MONCRIEF
12050 WOODWARD
HIGHLAND PARK MI 48203

System Name/Owner:	CITY OF HIGHLAND PARK	WSSN/Pool ID:	3140
Collection Address:	12 VICTOR,HIGHLAND PARK	Source:	TYPE I
Collected By:	BUFFA MONCRIEF	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Wayne	Date Collected:	04/16/2014 14:09
Sample Point:	KITCHEN	Date Received:	04/17/2014 09:04
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14875

Official Laboratory Report

Report To: BUFFA MONCRIEF
12050 WOODWARD
HIGHLAND PARK MI 48203

System Name/Owner:	CITY OF HIGHLAND PARK	WSSN/Pool ID:	3140
Collection Address:	14400 OAKLAND,HIGHLAND PARK	Source:	TYPE I
Collected By:	BUFFA MONCRIEF	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Wayne	Date Collected:	04/16/2014 15:28
Sample Point:	UTILITY ROOM	Date Received:	04/17/2014 09:04
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14741

Official Laboratory Report

Report To: MICHIGAN CHRISTIAN YOUTH CAMP
820 N LAKE GEORGE RD
ATTICA MI 48412

System Name/Owner:	MICHIGAN CHRISTIAN YOUTH CAMP	WSSN/Pool ID:	2008144	
Collection Address:	822 N LAKE GEORGE RD,ATTICA	Source:	TYPE III	
Collected By:	K OSULLIVAN	Site Code:	RESIDENCE	
Township/Well#/Section:	ATTICA//	Collector:	Private Citizen	
County:	Lapeer	Date Collected:	04/15/2014	11:30
Sample Point:	KITCHEN SINK	Date Received:	04/16/2014	10:54
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14742

Official Laboratory Report

Report To: MICHIGAN CHRISTIAN YOUTH CAMP
820 N LAKE GEORGE RD
ATTICA MI 48412

System Name/Owner:	MICHIGAN CHRISTIAN YOUTH CAMP	WSSN/Pool ID:	2007844
Collection Address:	820 N LAKE GEORGE RD,ATTICA	Source:	TYPE II
Collected By:	SD GARRETT	Site Code:	LODGE, DORMS 1,2,3, & NURSES S
Township/Well#/Section:	ATTICA//	Collector:	County Personnel
County:	Lapeer	Date Collected:	04/05/2014 10:13
Sample Point:	KITCHEN 2 COMPT SINK	Date Received:	04/16/2014 10:54
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Sample was more than 30 hours old when analyzed. Results will be evaluated by regulating agency.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14743

Official Laboratory Report

Report To: MICHIGAN CHRISTIAN YOUTH CAMP
820 N LAKE GEORGE RD
ATTICA MI 48412

System Name/Owner:	MICHIGAN CHRISTIAN YOUTH CAMP	WSSN/Pool ID:	2007144
Collection Address:	820 N LAKE GEORGE RD,ATTICA	Source:	TYPE II
Collected By:	SD GARRETT	Site Code:	DORMS 4,5,6
Township/Well#/Section:	ATTICA//	Collector:	County Personnel
County:	Lapeer	Date Collected:	04/15/2014 11:38
Sample Point:	DORM 5 KITCHENETTE 2 COMPT SINK	Date Received:	04/16/2014 10:54
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14775

Official Laboratory Report

Report To: MICHIGAN CHRISTIAN YOUTH CAMP
820 N LAKE GEORGE RD
ATTICA MI 48412

System Name/Owner:	MICHIGAN CHRISTIAN YOUTH CAMP	WSSN/Pool ID:	2007144
Collection Address:	820 N LAKE GEORGE RD,ATTICA	Source:	TYPE II
Collected By:	S D GARRETT	Site Code:	DORMS 4,5,6
Township/Well#/Section:	ATTICA//	Collector:	County Personnel
County:	Lapeer	Date Collected:	04/15/2014 11:34
Sample Point:	SAMPLE TAP	Date Received:	04/16/2014 11:10
Water System:	Untreated Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	5	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	1.0	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	225	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.3	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	16	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not Detected	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14776

Official Laboratory Report

Report To: MICHIGAN CHRISTIAN YOUTH CAMP
820 N LAKE GEORGE RD
ATTICA MI 48412

System Name/Owner:	MICHIGAN CHRISTIAN YOUTH CAMP	WSSN/Pool ID:	2008144	
Collection Address:	822 N LAKE GEORGE RD,ATTICA	Source:	TYPE III	
Collected By:	K OSULLIVAN	Site Code:	RESIDENCE	
Township/Well#/Section:	ATTICA//	Collector:	Private Citizen	
County:	Lapeer	Date Collected:	04/15/2014	11:40
Sample Point:	KITCHEN SINK	Date Received:	04/16/2014	11:10
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	6	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	1.0	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	126	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14777

Official Laboratory Report

Report To: MICHIGAN CHRISTIAN YOUTH CAMP
820 N LAKE GEORGE RD
ATTICA MI 48412

System Name/Owner:	MICHIGAN CHRISTIAN YOUTH CAMP	WSSN/Pool ID:	2007844
Collection Address:	820 N LAKE GEORGE RD,ATTICA	Source:	TYPE II
Collected By:	SD GARRETT	Site Code:	LODGE DORMS 1,2,3 & NURSES STA
Township/Well#/Section:	ATTICA//	Collector:	County Personnel
County:	Lapeer	Date Collected:	04/15/2014 10:29
Sample Point:	SAMPLE TAP	Date Received:	04/16/2014 11:10
Water System:	Untreated Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	5	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.92	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	229	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.6	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	15	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	14	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14827

Official Laboratory Report

Report To: DUTCH HOLLOW GOLF CLUB
7179 E GARRISON RD
DURAND MI 48429

System Name/Owner:	WILLIAM JOHNSON	WSSN/Pool ID:		
Collection Address:	8500 EAST LANSING ROAD,DURAND	Source:	TYPE II	
Collected By:	WILLIAM JOHNSON	Site Code:		
Township/Well#/Section:	VERNON//	Collector:	Private Citizen	
County:	Shiawassee	Date Collected:	04/16/2014	11:00
Sample Point:	KITCHEN	Date Received:	04/17/2014	08:28
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Shiawassee County Health Dept.
201 N. Shiawassee
Corunna, MI 48817
989 743-2390

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14750

Official Laboratory Report

Report To: AYRES
1483 HAINES
LAPEER MI 48446

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	1483 HAINES,LAPEER	Source:	Single Family Dwelling
Collected By:	RAY	Site Code:	
Township/Well#/Section:	MAYFIELD//28	Collector:	County Personnel
County:	Lapeer	Date Collected:	04/15/2014 10:30
Sample Point:	SAMPLE TAP	Date Received:	04/16/2014 10:55
Water System:	Pressure Tank/Plant Tap	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14751

Official Laboratory Report

Report To: RICHARD & SHARON JACOBS
3211 ROODS LK RD
LAPEER MI 48446

System Name/Owner:	JACOBS	WSSN/Pool ID:		
Collection Address:	3211 ROODS LK RD,LAPEER	Source:	Single Family Dwelling	
Collected By:	C HUGHES	Site Code:		
Township/Well#/Section:	MAYFIELD//10	Collector:	County Personnel	
County:	Lapeer	Date Collected:	04/14/2014	10:10
Sample Point:	LAUNDRY SINK	Date Received:	04/16/2014	10:55
Water System:	Treated/Softened Private Well	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Sample was more than 30 hours old when analyzed. Coliform result is possibly invalid for testing done more than 30 hours after sample collection.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14853

Official Laboratory Report

Report To: KENNETH BIRON
4781 CURTISS DR
LAPEER MI 48446

System Name/Owner:	KENNETH BIRON	WSSN/Pool ID:		
Collection Address:	4781 CURTISS DR,LAPEER	Source:	Single Family Dwelling	
Collected By:	KENNETH BIRON	Site Code:		
Township/Well#/Section:	ELBA//	Collector:	Private Citizen	
County:	Lapeer	Date Collected:	04/16/2014	13:10
Sample Point:	KITCHEN	Date Received:	04/17/2014	08:53
Water System:	Treated/Softened Private Well	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	12	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14849

Official Laboratory Report

Report To: METAMORA-HADLEY-ORTONVILLE REC
3871 HERD RD
METAMORA MI 48455

System Name/Owner:	METAMORA/HADLEY/ORTONVILLE REC	WSSN/Pool ID:	2083244	
Collection Address:	FOX LAKE RD,HADLEY	Source:	TYPE II	
Collected By:	S FRANCIS	Site Code:		
Township/Well#/Section:	HADLEY//28	Collector:	MDNR Staff	
County:	Lapeer	Date Collected:	04/16/2014	15:18
Sample Point:	EQUESTRIAN HAND PUMP	Date Received:	04/17/2014	08:53
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.85	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	201	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.3	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	17	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not Detected	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14886

Official Laboratory Report

Report To: MICHAEL BEATTIE
809 CHURCH ST
FLINT MI 48502

System Name/Owner:	MICHAEL BEATTIE	WSSN/Pool ID:		
Collection Address:	809 CHURCH ST,FLINT	Source:	Other	
Collected By:	MICHAEL BEATTIE	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	04/16/2014	11:00
Sample Point:		Date Received:	04/17/2014	09:15
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	9	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.50	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	100	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	8	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	16	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14888

Official Laboratory Report

Report To: MARATHON FLINT OIL CO
1919 S DORT HWY
FLINT MI 48503

System Name/Owner:	MARATHON FLINT OIL	WSSN/Pool ID:		
Collection Address:	10156 N SAGINAW RD,CLIO	Source:	TYPE II	
Collected By:	ANDREW ROESER	Site Code:		
Township/Well#/Section:	VIENNA//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	04/16/2014	11:15
Sample Point:	SINK	Date Received:	04/17/2014	09:15
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	Not detected	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	1.3	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	106	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.4	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	40	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	19	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14753

Official Laboratory Report

Report To: DOLA INC
6996 M -18
COLEMAN MI 48618

System Name/Owner:			WSSN/Pool ID:		
Collection Address:	2545 CADILLAC DR,FARWELL		Source:	TYPE III	
Collected By:	DAVE		Site Code:		
Township/Well#/Section:	//		Collector:	Other	
County:	Clare		Date Collected:	04/15/2014	11:00
Sample Point:	WATER DISPENSOR		Date Received:	04/16/2014	10:56
Water System:	Treated/Softened Private Well		Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept.
225 West Main Street
Harrison, MI 48625
989 539-6731

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14902

Official Laboratory Report

Report To: MARTHA COLEMAN
PO BO 150
EDENVILLE MI 48620

System Name/Owner:	WIXOM WATERS CAMPGROUND	WSSN/Pool ID:	2001656	
Collection Address:	7001 N MERIDIAN,EDENVILLE	Source:	TYPE II	
Collected By:	MARTHA COLEMAN	Site Code:		
Township/Well#/Section:	EDENVILLE/001/01	Collector:	Private Citizen	
County:	Midland	Date Collected:	04/15/2014	13:00
Sample Point:	WELL #1	Date Received:	04/17/2014	09:26
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

Sample Comment **LF14902** **Sample had exceeded EPA holding time for test code B when received in the laboratory.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
^^^ NOT TESTED^^^	Not Tested	04/17/2014				NOTST-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Midland County Health Dept.
220 West Ellsworth
Midland, MI 48640-5194
989 832-6679

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14754

Official Laboratory Report

Report To: JOAN COOPER
3875 N RODGERS AVE
HARRISON MI 48625

System Name/Owner:	JOAN COOPER	WSSN/Pool ID:	2009418	
Collection Address:	3897 N RODGERS AVE,HARRISON	Source:	TYPE II	
Collected By:	JOAN COOPER	Site Code:		
Township/Well#/Section:	HAMILTON//18	Collector:	Private Citizen	
County:	Clare	Date Collected:	04/15/2014	10:40
Sample Point:	BIG SINK IN CLUBHOUSE	Date Received:	04/16/2014	10:56
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept.
225 West Main Street
Harrison, MI 48625
989 539-6731

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14851

Official Laboratory Report

Report To: LYLE STONER
2558 TIMBERLANE
HARRISON MI 48625

System Name/Owner:	LYLE STONER	WSSN/Pool ID:	
Collection Address:	2558 TIMBERLANE,HARRISON	Source:	Single Family Dwelling
Collected By:	LYLE STONER	Site Code:	
Township/Well#/Section:	HATTON//	Collector:	Other
County:	Clare	Date Collected:	04/16/2014 08:00
Sample Point:	KITCHEN	Date Received:	04/17/2014 08:53
Water System:	Untreated Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	4	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	205	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	0.6	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	6	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	12	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept.
225 West Main Street
Harrison, MI 48625
989 539-6731

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14862

Official Laboratory Report

Report To: FBT THE DEPOT
362 N MAIN
PO BOX 337
LAKE GEORGE MI 48633

System Name/Owner:	FRANCIS TRAGIS	WSSN/Pool ID:		
Collection Address:	362 N MAIN,LAKE GEORGE	Source:	TYPE III	
Collected By:	FRANCIS TRAGIS	Site Code:		
Township/Well#/Section:	LINCOLN//	Collector:	Other	
County:	Clare	Date Collected:	04/16/2014	11:00
Sample Point:		Date Received:	04/17/2014	08:57
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**POSITIVE**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Coliform bacteria detected. Results will be evaluated by regulating agency.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept.
225 West Main Street
Harrison, MI 48625
989 539-6731

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14746

Official Laboratory Report

Report To: QUALITY INN HOTEL
2980 COOK RD
PO BOX 369
WEST BRANCH MI 48661

System Name/Owner:	FORWARD CORP	WSSN/Pool ID:	652750
Collection Address:	2980 COOK RD,WEST BRANCH	Source:	Swimming Pool or Spa
Collected By:	KEN RITTER	Site Code:	P
Township/Well#/Section:	WEST BRANCH//	Collector:	Other
County:	Ogemaw	Date Collected:	04/15/2014 09:55
Sample Point:	POOL	Date Received:	04/16/2014 10:54
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
630 Progress Street
West Branch, MI 48661
989 345-5020

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14747

Official Laboratory Report

Report To: QUALITY INN HOTEL
2980 COOK RD
PO BOX 369
WEST BRANCH MI 48661

System Name/Owner:	FORWARD CORP	WSSN/Pool ID:	652750
Collection Address:	2980 COOK RD,WEST BRANCH	Source:	Swimming Pool or Spa
Collected By:	KEN RITTER	Site Code:	5
Township/Well#/Section:	WEST BRANCH//	Collector:	Other
County:	Ogemaw	Date Collected:	04/15/2014 10:00
Sample Point:	SPA	Date Received:	04/16/2014 10:54
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
630 Progress Street
West Branch, MI 48661
989 345-5020

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14748

Official Laboratory Report

Report To: SUPER 8 HOTEL
2596 AUSTINS WAY
PO BOX 338
WEST BRANCH MI 48661

System Name/Owner:	FORWARD CORP	WSSN/Pool ID:	657000	
Collection Address:	2596 AUSTIN WAY,WEST BRANCH	Source:	Swimming Pool or Spa	
Collected By:	LES HOXIE	Site Code:	66842	
Township/Well#/Section:	WEST BRANCH//	Collector:	Other	
County:	Ogemaw	Date Collected:	04/15/2014	10:05
Sample Point:	POOL	Date Received:	04/16/2014	10:54
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
630 Progress Street
West Branch, MI 48661
989 345-5020

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14749

Official Laboratory Report

Report To: SUPER 8 HOTEL
2596 AUSTINS WAY
PO BOX 338
WEST BRANCH MI 48661

System Name/Owner:	FORWARD CORP	WSSN/Pool ID:	657000	
Collection Address:	2596 AUSTINS WAY,WEST BRANCH	Source:	Swimming Pool or Spa	
Collected By:	LES HOXIE	Site Code:	66843	
Township/Well#/Section:	WEST BRANCH//	Collector:	Other	
County:	Ogemaw	Date Collected:	04/15/2014	10:10
Sample Point:	SPA	Date Received:	04/16/2014	10:54
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
630 Progress Street
West Branch, MI 48661
989 345-5020

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14757

Official Laboratory Report

Report To: CASAUNDRA FRANCISCO
386 STATE STREET
WEST BRANCH MI 48661

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	,	Source:	Other	
Collected By:	DALE GILDNER	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Unknown	Date Collected:	04/15/2014	17:00
Sample Point:		Date Received:	04/16/2014	10:59
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	98	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.25	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	402	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.4	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	102	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	405	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Unknown

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14824

Official Laboratory Report

Report To: RICHARD KERN
545 S RISKEY RD
BAY PORT MI 48720

System Name/Owner:	ST JOHN LUTHERAN CHURCH	WSSN/Pool ID:	2027632	
Collection Address:	9456 KILMANAGH RD,SEBEWAING	Source:	TYPE II	
Collected By:		Site Code:		
Township/Well#/Section:	WINSOR//	Collector:	Other	
County:	Huron	Date Collected:	04/15/2014	10:30
Sample Point:		Date Received:	04/17/2014	08:28
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Sample was more than 30 hours old when analyzed. Results will be evaluated by regulating agency.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Huron County Health Dept.
1142 S. Van Dyke
Bad Axe, MI 48413
989 269-9721

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14859

Official Laboratory Report

Report To: ROBERT W ALWARD
PO BOX 158
HALE MI 48739

System Name/Owner:	ROBERT W ALWARD	WSSN/Pool ID:		
Collection Address:	118 S WASHINGTON ST,HALE	Source:	Other	
Collected By:	ROBERT ALWARD	Site Code:		
Township/Well#/Section:	PLAINFIELD/1/	Collector:	Other	
County:	Iosco	Date Collected:	04/15/2014	16:30
Sample Point:		Date Received:	04/17/2014	08:56
Water System:	Other	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Sample was more than 30 hours old when analyzed. Coliform result is possibly invalid for testing done more than 30 hours after sample collection.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
420 West Lake St.
Tawas City, MI 48764
989 362-6183

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14860

Official Laboratory Report

Report To: HARRISVILLE STATE PARK
248 STATE PARK RD
PO BOX 326
HARRISVILLE MI 48740

System Name/Owner:	CITY OF HARRISVILLE	WSSN/Pool ID:	3050	
Collection Address:	NORTH RESTROOM BUILDING,HARRISVIL	Source:	TYPE II	
Collected By:	DAVID DEKETT	Site Code:		
Township/Well#/Section:	HARRISVILLE//	Collector:	Other	
County:	Alcona	Date Collected:	04/16/2014	09:00
Sample Point:	SINK	Date Received:	04/17/2014	08:56
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
311 Lake Street
Harrisville, MI 48740
989 724-6757

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14755

Official Laboratory Report

Report To: MICHAEL MANN
815 N COCHRAN AVE
CHARLOTTE MI 48813

System Name/Owner:	FANNIE MAE	WSSN/Pool ID:	
Collection Address:	1312 WINDING WAY,CHARLOTTE	Source:	Single Family Dwelling
Collected By:	MICHAEL MANN	Site Code:	E-120723
Township/Well#/Section:	EATON//4	Collector:	Other
County:	Eaton	Date Collected:	04/15/2014 21:15
Sample Point:	KITCHEN	Date Received:	04/16/2014 10:57
Water System:	Untreated Private Well	Purpose:	Real Estate Transaction

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	11	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.11	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	300	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.9	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	6	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	40	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
1033 Health Care Drive
Charlotte, MI 48813
517 541-2615

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14818

Official Laboratory Report

Report To: DANSVILLE SCHOOLS BOOSTERS
1264 ADAMS ST
DANSVILLE MI 48819

System Name/Owner:	DANSVILLE SCHOOLS	WSSN/Pool ID:		
Collection Address:	12647 ADAMS ST - FB CONCESSIONS,DAI	Source:	TYPE III	
Collected By:	DOUGLAS BEVIER	Site Code:		
Township/Well#/Section:	INGHAM//	Collector:	Other	
County:	Ingham	Date Collected:	04/16/2014	12:26
Sample Point:	CONCESSION SINK SS	Date Received:	04/16/2014	13:50
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14819

Official Laboratory Report

Report To: DANSVILLE SCHOOLS BOOSTERS
1264 ADAMS ST
DANSVILLE MI 48819

System Name/Owner:	DANSVILLE SCHOOLS	WSSN/Pool ID:		
Collection Address:	1264 ADAMS ST- FB CONCESSIONS B,DA	Source:	TYPE III	
Collected By:	DOUGLAS BEVIER	Site Code:		
Township/Well#/Section:	INGHAM//	Collector:	Other	
County:	Ingham	Date Collected:	04/16/2014	12:14
Sample Point:	WELL SPIGOT	Date Received:	04/16/2014	13:50
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	Not detected	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.49	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	254	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.2	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	8	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	23	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14785

Official Laboratory Report

Report To: MSU POWER & WATER DEPT
TB SIMON POWER PLANT
SERVICE RD
EAST LANSING MI 48824

System Name/Owner:	MSU	WSSN/Pool ID:	4340
Collection Address:	WELL 30,	Source:	TYPE I
Collected By:	WILSON	Site Code:	D925
Township/Well#/Section:	/30/	Collector:	Public Water Supply Operator
County:	Ingham	Date Collected:	04/16/2014 10:00
Sample Point:	WELL 30	Date Received:	04/16/2014 12:57
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14786

Official Laboratory Report

Report To: MSU POWER & WATER DEPT
TB SIMON POWER PLANT
SERVICE RD
EAST LANSING MI 48824

System Name/Owner:	MSU	WSSN/Pool ID:	4340
Collection Address:	WELL 27,	Source:	TYPE I
Collected By:	WILSON	Site Code:	D925
Township/Well#/Section:	/27/	Collector:	Public Water Supply Operator
County:	Ingham	Date Collected:	04/16/2014 09:30
Sample Point:	WELL 27	Date Received:	04/16/2014 12:57
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14787

Official Laboratory Report

Report To: MSU POWER & WATER DEPT
TB SIMON POWER PLANT
SERVICE RD
EAST LANSING MI 48824

System Name/Owner:	MSU	WSSN/Pool ID:	4340
Collection Address:	WELL #31,	Source:	TYPE I
Collected By:	WILSON	Site Code:	D925
Township/Well#/Section:	/31/	Collector:	Public Water Supply Operator
County:	Ingham	Date Collected:	04/16/2014 10:30
Sample Point:	WELL 31	Date Received:	04/16/2014 12:57
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14788

Official Laboratory Report

Report To: MSU POWER & WATER DEPT
TB SIMON POWER PLANT
SERVICE RD
EAST LANSING MI 48824

System Name/Owner:	MSU	WSSN/Pool ID:	4340
Collection Address:	WELL 22,	Source:	TYPE I
Collected By:	WILSON	Site Code:	D925
Township/Well#/Section:	/22/	Collector:	Public Water Supply Operator
County:	Ingham	Date Collected:	04/16/2014 08:50
Sample Point:	WELL 22	Date Received:	04/16/2014 12:57
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14789

Official Laboratory Report

Report To: MSU POWER & WATER DEPT
TB SIMON POWER PLANT
SERVICE RD
EAST LANSING MI 48824

System Name/Owner:	MSU	WSSN/Pool ID:	4340
Collection Address:	WELL 17,	Source:	TYPE I
Collected By:	WILSON	Site Code:	D925
Township/Well#/Section:	/17/	Collector:	Public Water Supply Operator
County:	Ingham	Date Collected:	04/16/2014 08:30
Sample Point:	WELL 17	Date Received:	04/16/2014 12:57
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14820

Official Laboratory Report

Report To: JENNIFER DOMINGUEZ
474 S SHAW LANE
1358 ANTHONY HALL
EAST LANSING MI 48824

System Name/Owner:	MICH ST UNIV	WSSN/Pool ID:		
Collection Address:	1345 D ANTHONY HALL,EAST LANSING	Source:	TYPE II	
Collected By:	JENNIFER DOMINGUEZ	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Ingham	Date Collected:	04/16/2014	14:10
Sample Point:	CARCASS WASH	Date Received:	04/16/2014	14:52
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14861

Official Laboratory Report

Report To: TONY BLIGHT
PO BOX 843
HOWELL MI 48844

System Name/Owner:	TONY BLIGHT	WSSN/Pool ID:	
Collection Address:	460 S GERBER RD,MIO	Source:	Single Family Dwelling
Collected By:	TONY BLIGHT	Site Code:	
Township/Well#/Section:	BIG CREEK//	Collector:	Private Citizen
County:	Oscoda	Date Collected:	04/16/2014 11:00
Sample Point:	BATH	Date Received:	04/17/2014 08:57
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**POSITIVE**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Coliform bacteria was detected. Consult your county or district health department for investigation of related risks.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
393 South Mt. Tom Road
Mio, MI 48647-9368
989 826-3970

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14774

Official Laboratory Report

Report To: AYRES
1483 HAINES
LAPEER MI 48846

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	1483 HAINES,LAPEER	Source:	Single Family Dwelling
Collected By:	RAY	Site Code:	
Township/Well#/Section:	MAYFIELD//28	Collector:	County Personnel
County:	Lapeer	Date Collected:	04/15/2014 10:30
Sample Point:	SAMPLE TAP	Date Received:	04/16/2014 11:10
Water System:	Pressure Tank/Plant Tap	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	63	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.78	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	199	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.2	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	56	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	31	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14905

Official Laboratory Report

Report To: CHRIS L STARR
5132 CHINOOK LN
LYONS MI 48851

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	5132 CHINOOK LN,LYONS	Source:	Single Family Dwelling
Collected By:	CHRIS L STARR	Site Code:	
Township/Well#/Section:	PORTLAND//	Collector:	Private Citizen
County:	Ionia	Date Collected:	04/17/2014 06:30
Sample Point:	BATHROOM	Date Received:	04/17/2014 09:48
Water System:	Treated/Softened Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	17	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.33	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	152	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	30	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ionia County Health Dept.
175 E. Adams St.
Ionia, MI 48846
616 527-5341

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14793

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	JOHNSON VILLAGE MHP	WSSN/Pool ID:	40016
Collection Address:	6832 MAPLE LANE,FENNVILLE	Source:	TYPE I
Collected By:	J STAGGS	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Allegan	Date Collected:	04/15/2014 11:30
Sample Point:	FAUCET CLUBHOUSE	Date Received:	04/16/2014 13:33
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14794

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	SWAN LAKE	WSSN/Pool ID:	40027
Collection Address:	635 PAULINE,ALLEGAN	Source:	TYPE I
Collected By:	G GILLILAND	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Allegan	Date Collected:	04/15/2014 11:00
Sample Point:	LOT 12	Date Received:	04/16/2014 13:33
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14795

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	KENT CITY MHP	WSSN/Pool ID:	40264
Collection Address:	135 S MAIN ST,KENT CITY	Source:	TYPE I
Collected By:	J COOPER	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Kent	Date Collected:	04/16/2014 10:30
Sample Point:	BATH OFFICE	Date Received:	04/16/2014 13:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Kent County Health Dept.
700 Fuller NE
Grand Rapids, MI 49503
616 632-6900

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14796

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	MEADOWBROOK	WSSN/Pool ID:	40605
Collection Address:	07120 68TH ST,SOUTH HAVEN	Source:	TYPE I
Collected By:	G GILLILAND	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Van Buren	Date Collected:	04/15/2014 11:45
Sample Point:	LOT 10	Date Received:	04/16/2014 13:33
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14797

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	COUNTRY ACRES	WSSN/Pool ID:	40006
Collection Address:	A - 5904 142ND AVE,HOLLAND	Source:	TYPE I
Collected By:	J STAGGS	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Allegan	Date Collected:	04/15/2014 13:20
Sample Point:	HOSE BIB #6	Date Received:	04/16/2014 13:33
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14798

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	RIVERSIDE ESTATES	WSSN/Pool ID:	40030
Collection Address:	6200 ARROWHEAD DR,FENNVILLE	Source:	TYPE I
Collected By:	J STAGGS	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Allegan	Date Collected:	04/15/2014 12:10
Sample Point:	HOSE BIB #35	Date Received:	04/16/2014 13:33
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14799

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	BEDRORD HILLS	WSSN/Pool ID:	40080
Collection Address:	110 BEJAC CIRCLE,BATTLE CREEK	Source:	TYPE I
Collected By:	G GILLILAND	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Calhoun	Date Collected:	04/15/2014 09:15
Sample Point:	OFFICE	Date Received:	04/16/2014 13:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Calhoun County Dept. of Public Health
190 E. Michigan
Battle Creek, MI 49014
269 969-6341

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14800

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	BASELINE	WSSN/Pool ID:	40005
Collection Address:	M-40,GOBLES	Source:	TYPE I
Collected By:	G GILLILAND	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Allegan	Date Collected:	04/15/2014 10:45
Sample Point:	LOT 12	Date Received:	04/16/2014 13:33
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14801

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	SHANGRAI-LA MHC	WSSN/Pool ID:	40026
Collection Address:	6180 BLUE STAR HWY,SAUGATUCK	Source:	TYPE I
Collected By:	J STAGGS	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Allegan	Date Collected:	04/15/2014 12:45
Sample Point:	HOSE BIB #65	Date Received:	04/16/2014 13:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14802

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	SHANGRAI-LA VILLAGE	WSSN/Pool ID:	40026
Collection Address:	3676 SHANGRAI-LA DRIVE,SAUGATUCK	Source:	TYPE I
Collected By:	J STAGGS	Site Code:	TP100
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Allegan	Date Collected:	04/15/2014 12:35
Sample Point:	SAMPLE TAP	Date Received:	04/16/2014 13:33
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	4	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.47	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	162	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.8	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	14	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14803

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	HI-WAY M H C	WSSN/Pool ID:	40140
Collection Address:	5182 SOUTH DORT HWY,FLINT	Source:	TYPE I
Collected By:	J COOPER	Site Code:	TP001
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	04/15/2014 10:20
Sample Point:	SAMPLE TAP	Date Received:	04/16/2014 13:34
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	45	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.81	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	227	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	50	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	30	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14804

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	SWAN LAKE M H C	WSSN/Pool ID:	40027
Collection Address:	635 PAULINE DRIVE,ALLEGAN	Source:	TYPE I
Collected By:	G GILLILAND	Site Code:	CH001
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Allegan	Date Collected:	04/15/2014 11:10
Sample Point:	SAMPLE TAP	Date Received:	04/16/2014 13:34
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	26	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.18	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	312	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	13	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	46	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14805

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	RIVERSIDE ESTATES	WSSN/Pool ID:	40030
Collection Address:	6200 ARROWHEAD DRIVE,FENNVILLE	Source:	TYPE I
Collected By:	J STAGGS	Site Code:	CH001
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Allegan	Date Collected:	04/15/2014 11:55
Sample Point:	SAMPLE TAP	Date Received:	04/16/2014 13:34
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	8	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.31	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	228	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.5	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	8	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	33	04/16/2014	10		SM 4500 SO4E	14808-79-8

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14806

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	JOHNSONS MOBILE VILLAGE	WSSN/Pool ID:	40016
Collection Address:	6832 MAPLE LANE,FENNVILLE	Source:	TYPE I
Collected By:	J STAGGS	Site Code:	CH001
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Allegan	Date Collected:	04/15/2014 11:35
Sample Point:	SAMPLE TAP	Date Received:	04/16/2014 13:34
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	306	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	1.1	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	205	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.3	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	150	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	36	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14807

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	LINDEN PLACE M H C	WSSN/Pool ID:	40145
Collection Address:	G-4192 SOUTH LINDEN ROAD,FLINT	Source:	TYPE I
Collected By:	J COOPER	Site Code:	CH001
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	04/15/2014 10:00
Sample Point:	SAMPLE TAP	Date Received:	04/16/2014 13:34
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	66	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.60	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	345	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.5	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	52	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	98	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14808

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	MEADOWBROOK VILLAGE	WSSN/Pool ID:	40605
Collection Address:	07120 68TH STREET,SOUTH HAVEN	Source:	TYPE I
Collected By:	G GILLILAND	Site Code:	CH001
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Van Buren	Date Collected:	04/15/2014 11:50
Sample Point:	SAMPLE TAP	Date Received:	04/16/2014 13:34
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	5	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.22	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	142	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.4	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	7	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	24	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14810

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	KENT CITY M H C	WSSN/Pool ID:	40264
Collection Address:	135 SOUTH MAIN,KENT CITY	Source:	TYPE I
Collected By:	J COOPER	Site Code:	SITE TP100
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Kent	Date Collected:	04/16/2014 10:10
Sample Point:	SAMPLE TAP	Date Received:	04/16/2014 13:34
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	23	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.19	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	296	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.8	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	10	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	46	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Kent County Health Dept.
700 Fuller NE
Grand Rapids, MI 49503
616 632-6900

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14811

Official Laboratory Report

Report To: ELHORN ENGINEERING COMPANY
889 EDEN ROAD
MASON MI 48854

System Name/Owner:	LINDEN PLACE M H C	WSSN/Pool ID:	40145
Collection Address:	G-4192 S LINDEN ROAD,FLINT	Source:	TYPE I
Collected By:	J COOPER	Site Code:	CH001
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	04/15/2014 10:00
Sample Point:	SAMPLE TAP	Date Received:	04/16/2014 13:35
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	0.006	04/17/2014	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14856

Official Laboratory Report

Report To: ERIC TORGERSEN
8475 CHIPPEWA TRAIL
MT PLEASANT MI 48859

System Name/Owner:	ERIC TORGERSEN	WSSN/Pool ID:	
Collection Address:	8475 CHIPPEWA TRAIL,MT PLEASANT	Source:	Single Family Dwelling
Collected By:	ERIC TORGERSEN	Site Code:	
Township/Well#/Section:	CHIPPEWA//	Collector:	Private Citizen
County:	Isabella	Date Collected:	04/16/2014 13:30
Sample Point:	KITCHEN SINK	Date Received:	04/17/2014 08:53
Water System:	Other	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	59	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.33	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	230	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	1.1	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	84	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	185	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept.
2012 East Preston
Mount Pleasant, MI 48858
989 773-5921

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14855

Official Laboratory Report

Report To: SIDNEY STORE LLC
2991 S DERBY RD
SIDNEY MI 48885

System Name/Owner:	MARK WALTERS	WSSN/Pool ID:		
Collection Address:	2991 S DERBY RD,SIDNEY	Source:	TYPE II	
Collected By:	MARK WALTERS	Site Code:		
Township/Well#/Section:	SIDNEY//	Collector:	Private Citizen	
County:	Montcalm	Date Collected:	04/16/2014	09:00
Sample Point:	KITCHEN	Date Received:	04/17/2014	08:53
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**EC POSITIVE**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Chloride	39	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	222	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	18	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	22	04/17/2014	10		SM 4500 SO4E	14808-79-8

E. coli bacteria was detected. By law, repeat samples must be collected within 24 hours of this notification. Contact your state or local health department representative for further instructions.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14783

Official Laboratory Report

Report To: BEST WESTERN PLUS
6820 S CEDAR ST
LANSING MI 48911

System Name/Owner:	BEST WESTERN PLUS	WSSN/Pool ID:	33425001	
Collection Address:	6820 S CEDAR ST,LANSING	Source:	Swimming Pool or Spa	
Collected By:	DAVE TOOMEY	Site Code:	33-4250-01	
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Ingham	Date Collected:	04/15/2014	09:00
Sample Point:	POOL	Date Received:	04/16/2014	12:57
Water System:	Other	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14784

Official Laboratory Report

Report To: BEST WESTERN PLUS
6820 S CEDAR ST
LANSING MI 48911

System Name/Owner:	BEST WESTERN PLUS	WSSN/Pool ID:	33425002
Collection Address:	,LANSING	Source:	Swimming Pool or Spa
Collected By:	DAVE TOOMEY	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Ingham	Date Collected:	04/15/2014 09:00
Sample Point:		Date Received:	04/16/2014 12:57
Water System:	Other	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14752

Official Laboratory Report

Report To: STATE OF MICHIGAN
7426 N CANAL
DIAMONDALE MI 48913

System Name/Owner:	POLICE TRAINING ACADEMY	WSSN/Pool ID:	2394001
Collection Address:	7426 N CANAL,DIAMONDALE	Source:	Swimming Pool or Spa
Collected By:	KIRT BOWERMAN	Site Code:	
Township/Well#/Section:	WINDSOR//	Collector:	Other
County:	Eaton	Date Collected:	04/16/2014 07:45
Sample Point:	POOL	Date Received:	04/16/2014 10:55
Water System:	Other	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
1033 Health Care Drive
Charlotte, MI 48813
517 541-2615

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14790

Official Laboratory Report

Report To: WAVERLY HIGH SCHOOL
160 SNOW RD
LANSING MI 48917

System Name/Owner:	WAVERLY SCHOOLS	WSSN/Pool ID:	2350001
Collection Address:	160 SNOW RD,LANSING	Source:	Swimming Pool or Spa
Collected By:	BILL DAVIS	Site Code:	
Township/Well#/Section:	DELTA//14	Collector:	Other
County:	Eaton	Date Collected:	04/16/2014 07:00
Sample Point:	LAP POOL	Date Received:	04/16/2014 13:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
1033 Health Care Drive
Charlotte, MI 48813
517 541-2615

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14791

Official Laboratory Report

Report To: WAVERLY HIGH SCHOOL
160 SNOW RD
LANSING MI 48917

System Name/Owner:	WAVERLY SCHOOLS	WSSN/Pool ID:	2350002
Collection Address:	160 SNOW RD,LANSING	Source:	Swimming Pool or Spa
Collected By:	BILL DAVIS	Site Code:	
Township/Well#/Section:	DELTA//14	Collector:	Other
County:	Eaton	Date Collected:	04/16/2014 07:00
Sample Point:	D	Date Received:	04/16/2014 13:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
1033 Health Care Drive
Charlotte, MI 48813
517 541-2615

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14792

Official Laboratory Report

Report To: WAVERLY SCHOOLS
3809 W ST JOE
LANSING MI 48917

System Name/Owner:	WAVERLY SCHOOLS	WSSN/Pool ID:	
Collection Address:	3131 W MICHIGAN AVE,LANSING	Source:	Swimming Pool or Spa
Collected By:	SCOTT	Site Code:	
Township/Well#/Section:	LANSING//	Collector:	Other
County:	Ingham	Date Collected:	04/16/2014 08:00
Sample Point:		Date Received:	04/16/2014 13:14
Water System:	Other	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14903

Official Laboratory Report

Report To: MARTHA ENGLE
1474 SYLVAN CT
BATTTLE CREEK MI 49017

System Name/Owner:	MARTHA ENGLE	WSSN/Pool ID:		
Collection Address:	464 W HICKORY,BATTTLE CREEK	Source:	TYPE II	
Collected By:	MARTHA ENGLE	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Calhoun	Date Collected:	04/16/2014	14:30
Sample Point:	KITCHEN SINK	Date Received:	04/17/2014	09:26
Water System:	Public System Well	Purpose:	Routine Monitoring	

Sample Comment **LF14903** **Sample was received in a bacteriological sampling unit with a chemical request. Please request correct sampling unit from your local health department or contact the MDEQ Drinking Water Unit at (517)-335-8184.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
^^^ NOT TESTED^^^	Not Tested	04/17/2014				NOTST-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Calhoun County Dept. of Public Health
190 E. Michigan
Battle Creek, MI 49014
269 969-6341

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14831

Official Laboratory Report

Report To: ALFRED J DEXTER
11482 LOVE HWY
BELLEVUE MI 49021

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	,	Source:	Single Family Dwelling
Collected By:		Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Unknown	Date Collected:	
Sample Point:		Date Received:	04/17/2014 08:40
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Chloride	20	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.20	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	293	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	388	04/17/2014	10		SM 4500 SO4E	14808-79-8

Sample collection date is not given or incorrect date given. Coliform result is possibly invalid for testing done more than 30 hours after sample collection.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Unknown

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14848

Official Laboratory Report

Report To: CASS CO HEALTH DEPT
201 M62 NORTH
CASSOPOLIS MI 49031

System Name/Owner:	LEOZIE BROADNAX	WSSN/Pool ID:		
Collection Address:	18334 CALVIN HILL ST,CASSOPOLIS	Source:	Single Family Dwelling	
Collected By:	LEOZIE S BROADNAX	Site Code:	CW14-179	
Township/Well#/Section:	CALVIN//27	Collector:	Private Citizen	
County:	Cass	Date Collected:	04/16/2014	12:55
Sample Point:	KITCHEN	Date Received:	04/17/2014	08:50
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**POSITIVE**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Coliform bacteria was detected. Consult your county or district health department for investigation of related risks.						
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	260	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.5	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	6	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	36	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

VanBuren/Cass County Health Dept.
201 M-62 North
Cassopolis, MI 49031
269 445-5280

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14854

Official Laboratory Report

Report To: HAMPSHIRE COUNTRY CLUB
29592 POKAGON HWY
DOWAGIAC MI 49047

System Name/Owner:	HAMPSHIRE C C	WSSN/Pool ID:	2013514	
Collection Address:	29592 POKAGON HWY,DOWAGIAC	Source:	TYPE II	
Collected By:	ROLLY WELLS	Site Code:		
Township/Well#/Section:	POKAGON//	Collector:	Other	
County:	Cass	Date Collected:	04/16/2014	08:30
Sample Point:	KITCHEN	Date Received:	04/17/2014	08:53
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	8	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.12	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	285	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	6	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	52	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

VanBuren/Cass County Health Dept.
201 M-62 North
Cassopolis, MI 49031
269 445-5280

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14826

Official Laboratory Report

Report To: VAN BUREN CO PUBLIC HEALTH DEP
57418 CR 681
SO OF RED ARROW
HARTFORD MI 49057

System Name/Owner:	TOM REYNELLS	WSSN/Pool ID:		
Collection Address:	50848 RED ARROW,LAWRENCE	Source:	Single Family Dwelling	
Collected By:	TOM REYNELLS	Site Code:	13-258	
Township/Well#/Section:	LAWRENCE//10	Collector:	Private Citizen	
County:	Van Buren	Date Collected:	04/16/2014	12:45
Sample Point:	KITCHEN	Date Received:	04/17/2014	08:28
Water System:	Untreated Private Well	Purpose:	Repeat Sample	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14838

Official Laboratory Report

Report To: VBCDHD
57418 CR 681
HARTFORD MI 49057

System Name/Owner:	LORI HARRIS		WSSN/Pool ID:		
Collection Address:	44261 CR 390,		Source:	Single Family Dwelling	
Collected By:	LAUFER		Site Code:		
Township/Well#/Section:	BLOOMINGDALE//		Collector:	County Personnel	
County:	Van Buren		Date Collected:	04/15/2014	12:20
Sample Point:	KITCHEN		Date Received:	04/17/2014	08:47
Water System:	Treated/Softened Private Well		Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Chloride	5	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.26	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	114	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	24	04/17/2014	10		SM 4500 SO4E	14808-79-8

Sample was more than 30 hours old when analyzed. Coliform result is possibly invalid for testing done more than 30 hours after sample collection.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14839

Official Laboratory Report

Report To: VBCDHD
57418 CR 681
HARTFORD MI 49057

System Name/Owner:	AMANDA COOK	WSSN/Pool ID:		
Collection Address:	25870 29TH ST,	Source:	Single Family Dwelling	
Collected By:	LAUFER	Site Code:		
Township/Well#/Section:	ALMENA//	Collector:	County Personnel	
County:	Van Buren	Date Collected:	04/15/2014	13:10
Sample Point:	KITCHEN	Date Received:	04/17/2014	08:47
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Sample was more than 30 hours old when analyzed. Coliform result is possibly invalid for testing done more than 30 hours after sample collection.						
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	7	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	101	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	14	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14840

Official Laboratory Report

Report To: VAN BUREN CO PUBLIC HEALTH DEP
57418 CR 681
SO OF RED ARROW
HARTFORD MI 49057

System Name/Owner:	POWELL CUSTOM HOMES	WSSN/Pool ID:	
Collection Address:	50515 WILLIS ST,PAW PAW	Source:	Single Family Dwelling
Collected By:	DAVE MASSEY/POWELL CUSTOM HOME	Site Code:	13-144
Township/Well#/Section:	ANTWERP//5	Collector:	Private Citizen
County:	Van Buren	Date Collected:	04/16/2014 09:45
Sample Point:	MAIN BATH SINK	Date Received:	04/17/2014 08:47
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	39	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	230	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	6.1	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	18	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	31	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14841

Official Laboratory Report

Report To: VAN BUREN CO PUBLIC HEALTH DEP
57418 CR 681
SO OF RED ARROW
HARTFORD MI 49057

System Name/Owner:	POWELL CUSTOM HOMES	WSSN/Pool ID:		
Collection Address:	30641 PACKARD ST,PAW PAW	Source:	Single Family Dwelling	
Collected By:	DAVE MASSEY	Site Code:	13-146	
Township/Well#/Section:	ANTWERP//5	Collector:	Private Citizen	
County:	Van Buren	Date Collected:	04/16/2014	10:15
Sample Point:	MAIN BATH SINK	Date Received:	04/17/2014	08:47
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	22	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.13	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	0.4	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	117	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	21	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14842

Official Laboratory Report

Report To: VBCDHD
57418 CR 681
HARTFORD MI 49057

System Name/Owner:	ASHLEY BOYER	WSSN/Pool ID:	
Collection Address:	29535 22ND AVE,	Source:	Single Family Dwelling
Collected By:	LAUFER	Site Code:	
Township/Well#/Section:	PINE GROVE//	Collector:	County Personnel
County:	Van Buren	Date Collected:	04/16/2014 11:30
Sample Point:		Date Received:	04/17/2014 08:47
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	6	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	195	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	1.0	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	7	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	14	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14843

Official Laboratory Report

Report To: VBCDHD
57418 CR 681
HARTFORD MI 49057

System Name/Owner:	RICHARD MARTIN	WSSN/Pool ID:	
Collection Address:	00658 CR 681,	Source:	Single Family Dwelling
Collected By:	LAUFER	Site Code:	14-115
Township/Well#/Section:	GENEVA//	Collector:	County Personnel
County:	Van Buren	Date Collected:	04/16/2014 13:00
Sample Point:	KITCHEN	Date Received:	04/17/2014 08:47
Water System:	Treated/Softened Private Well	Purpose:	Real Estate Transaction

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	52	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	241	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.1	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	0.4	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	34	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	61	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14744

Official Laboratory Report

Report To: TIMOTHY LAPOINTE
2700 NASHVILLE RD
HASTINGS MI 49058

System Name/Owner:	THORNAPPLE MANOR	WSSN/Pool ID:	60425
Collection Address:	2700 NASHVILLE RD,HASTINGS	Source:	TYPE I
Collected By:	JOHN UNDERWOOD	Site Code:	DIST
Township/Well#/Section:	HASTINGS/4/27	Collector:	County Personnel
County:	Barry	Date Collected:	04/15/2014 09:45
Sample Point:	BASEMENT WOMEN ROOM	Date Received:	04/16/2014 10:54
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
330 West Woodlawn Ave
Hastings, MI 49058
269 945-9516

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14745

Official Laboratory Report

Report To: TIMOTHY LAPOINTE
2700 NASHVILLE RD
HASTINGS MI 49058

System Name/Owner:	THORNAPPLE MANOR	WSSN/Pool ID:	60425
Collection Address:	2700 NASHVILLE RD,HASTINGS	Source:	TYPE I
Collected By:	JOHN UNDERWOOD	Site Code:	W001
Township/Well#/Section:	HASTINGS/1/27	Collector:	County Personnel
County:	Barry	Date Collected:	04/15/2014 10:00
Sample Point:	BASEMENT PLANT TAP	Date Received:	04/16/2014 10:54
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
330 West Woodlawn Ave
Hastings, MI 49058
269 945-9516

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14830

Official Laboratory Report

Report To: WILSON BRANT
PO BOX 287
LAWRENCE MI 49064

System Name/Owner:	WILSON & VIRGINA BRANT	WSSN/Pool ID:		
Collection Address:	55605 CEDAR LANE,PAW PAW	Source:	Single Family Dwelling	
Collected By:	WILSON R BRANT	Site Code:		
Township/Well#/Section:	PAW PAW//	Collector:	Private Citizen	
County:	Van Buren	Date Collected:	04/15/2014	14:45
Sample Point:	KITCHEN	Date Received:	04/17/2014	08:40
Water System:	Untreated Private Well	Purpose:	Real Estate Transaction	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Sample was more than 30 hours old when analyzed. Coliform result is possibly invalid for testing done more than 30 hours after sample collection.						
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	53	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	239	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	2.5	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	19	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14852

Official Laboratory Report

Report To: JOHN E YORE
59381 44TH AVE
LAWRENCE MI 49064

System Name/Owner:	JOHN E YORE	WSSN/Pool ID:	2001480	
Collection Address:	59381 44TH AVE,LAWRENCE	Source:	TYPE II	
Collected By:	JOHN E YORE	Site Code:	L-591580	
Township/Well#/Section:	BANGOR//	Collector:	Private Citizen	
County:	Van Buren	Date Collected:	04/16/2014	11:45
Sample Point:	#001 CAMPGROUND	Date Received:	04/17/2014	08:53
Water System:	Untreated Private Well	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	42	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	152	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.2	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	26	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	13	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14832

Official Laboratory Report

Report To: COTTAGE CASTLE HOMES
10845 LONGPOINT DR
PLAINWELL MI 49080

System Name/Owner:	JOE PIKUL	WSSN/Pool ID:	
Collection Address:	7314 SOUTH CROOKED LK DR,DELTON	Source:	Single Family Dwelling
Collected By:		Site Code:	
Township/Well#/Section:	PRAIREVILLE//	Collector:	Private Citizen
County:	Barry	Date Collected:	04/16/2014 10:00
Sample Point:	KITCHEN	Date Received:	04/17/2014 08:40
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	10	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.13	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	230	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	1.3	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	7	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
330 West Woodlawn Ave
Hastings, MI 49058
269 945-9516

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14883

Official Laboratory Report

Report To: ISLAND HILLS GOLF CLUB LLC
PO BOX 340
STURGIS MI 49091

System Name/Owner:	ISLAND HILLS GOLF COURSE	WSSN/Pool ID:	2023475	
Collection Address:	61809 STONEGATE DR,CENTREVILLE	Source:	TYPE II	
Collected By:	JOE JEHNSEN	Site Code:		
Township/Well#/Section:	NOTTAWA//	Collector:	Private Citizen	
County:	St Joseph	Date Collected:	04/15/2014	10:15
Sample Point:	SAMPLE SINK	Date Received:	04/17/2014	09:14
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	12	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.13	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	116	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	34	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Branch-Hiilsdale-St. Joseph Health Dept
1110 Hill St.
Three Rivers, MI 49093
269 273-2161

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14884

Official Laboratory Report

Report To: ISLAND HILLS GOLF CLUB LLC
PO BOX 340
STURGIS MI 49091

System Name/Owner:	ISLAND HILLS GOLF CLUB LLC	WSSN/Pool ID:		
Collection Address:	61809 STONEGATE DR,CENTREVILLE	Source:	Single Family Dwelling	
Collected By:	JOE JEHNSEN	Site Code:		
Township/Well#/Section:	NOTTAWA//	Collector:	Private Citizen	
County:	St Joseph	Date Collected:	04/15/2014	10:15
Sample Point:	SAMPLE SINK	Date Received:	04/17/2014	09:14
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	17	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.14	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	243	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.3	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	7	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	55	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Branch-Hiilsdale-St. Joseph Health Dept
1110 Hill St.
Three Rivers, MI 49093
269 273-2161

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14850

Official Laboratory Report

Report To: LELA J WEBER
25501 US HWY 12
EDWARDSBURG MI 49112

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	25501 US HWY 12,EDWARDSBURG	Source:	Single Family Dwelling
Collected By:		Site Code:	
Township/Well#/Section:	ONTWA//	Collector:	Private Citizen
County:	Cass	Date Collected:	04/16/2014 10:45
Sample Point:	KITCHEN	Date Received:	04/17/2014 08:53
Water System:	Untreated Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	7	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.10	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	240	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	1.2	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	6	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	49	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

VanBuren/Cass County Health Dept.
201 M-62 North
Cassopolis, MI 49031
269 445-5280

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14846

Official Laboratory Report

Report To: GRAJAUSKIS FARMS INC
PO BOX 145
SODUS MI 49126

System Name/Owner:	GRAJAUSKIS 1 2014	WSSN/Pool ID:		
Collection Address:	3011 NAOMI RD,SODUS	Source:	TYPE III	
Collected By:	JEFF MILLER	Site Code:	11-0118	
Township/Well#/Section:	SODUS//10	Collector:	Private Citizen	
County:	Berrien	Date Collected:	04/16/2014	14:20
Sample Point:	#1 KIT SINK	Date Received:	04/17/2014	08:49
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	15	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.10	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	275	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	1.2	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	0.5	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	11	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	73	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Berrien County
2106 South M-139
Benton Harbor, MI 49022
269 927-5623

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14847

Official Laboratory Report

Report To: GRAJAUSKIS FARMS INC
PO BOX 145
SODUS MI 49126

System Name/Owner:	GRAJAUSKIS 2 2014	WSSN/Pool ID:		
Collection Address:	RIVER ROAD,SODUS	Source:	TYPE III	
Collected By:	JEFF MILLER	Site Code:	11-0002	
Township/Well#/Section:	SODUS//15	Collector:	Private Citizen	
County:	Berrien	Date Collected:	04/16/2014	14:30
Sample Point:	AT WELL	Date Received:	04/17/2014	08:49
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	28	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	242	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	1.2	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	0.07	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	7	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	68	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Berrien County
2106 South M-139
Benton Harbor, MI 49022
269 927-5623

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14863

Official Laboratory Report

Report To: WILLOW SHORES CAMPING RESORT
14025 US 12 E
UNION MI 49130

System Name/Owner:	REED POWERS SR (PRESDIENT)	WSSN/Pool ID:	2006714	
Collection Address:	14025 US 12 E,UNION	Source:	Other	
Collected By:	CHRIS STOERS	Site Code:	LOT #1	
Township/Well#/Section:	PORTER/1/	Collector:	Private Citizen	
County:	Cass	Date Collected:	04/16/2014	15:00
Sample Point:		Date Received:	04/17/2014	08:59
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

VanBuren/Cass County Health Dept.
201 M-62 North
Cassopolis, MI 49031
269 445-5280

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14864

Official Laboratory Report

Report To: WILLOW SHORES CAMPING RESORT
14025 US 12 E
UNION MI 49130

System Name/Owner:	REED POWERS (PRESIDENT)	WSSN/Pool ID:	2006714	
Collection Address:	14025 US 12 E,UNION	Source:	Other	
Collected By:	CHRIS STOERS	Site Code:	LOT 100	
Township/Well#/Section:	PORTER/3/	Collector:	Private Citizen	
County:	Cass	Date Collected:	04/16/2014	15:00
Sample Point:		Date Received:	04/17/2014	08:59
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

VanBuren/Cass County Health Dept.
201 M-62 North
Cassopolis, MI 49031
269 445-5280

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14865

Official Laboratory Report

Report To: WILLOW SHORES CAMPING RESORT
14025 US 12 E
UNION MI 49130

System Name/Owner:	REED POWERS SR (PRES)	WSSN/Pool ID:	2006714	
Collection Address:	14025 US 12 E,UNION	Source:	Other	
Collected By:	CHRIS STOERS	Site Code:	LOT 27	
Township/Well#/Section:	PORTER/2/	Collector:	Private Citizen	
County:	Cass	Date Collected:	04/16/2014	15:00
Sample Point:		Date Received:	04/17/2014	08:59
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

VanBuren/Cass County Health Dept.
201 M-62 North
Cassopolis, MI 49031
269 445-5280

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14857

Official Laboratory Report

Report To: FA HO LO CAMP
3000 MT HOPE RD
GRASS LAKE MI 49240

System Name/Owner:		WSSN/Pool ID:	38203002	
Collection Address:	3000 MT HOPE RD,GRASS LAKE	Source:	Swimming Pool or Spa	
Collected By:	BOB K	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Jackson	Date Collected:	04/16/2014	14:35
Sample Point:	SWIM POOL	Date Received:	04/17/2014	08:56
Water System:	Other	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Jackson County Health Dept.
1697 Lansing Ave.
Jackson, MI 49202
517 788-4433

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14858

Official Laboratory Report

Report To: FA HO LO CAMP
3000 MT HOPE RD
GRASS LAKE MI 49240

System Name/Owner:		WSSN/Pool ID:	38203003	
Collection Address:	3000 MT HOPE RD,GRASS LAKE	Source:	Swimming Pool or Spa	
Collected By:	BOB K	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Jackson	Date Collected:	04/16/2014	14:35
Sample Point:	SPA	Date Received:	04/17/2014	08:56
Water System:	Other	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Jackson County Health Dept.
1697 Lansing Ave.
Jackson, MI 49202
517 788-4433

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14837

Official Laboratory Report

Report To: DON GIRDHAM
5538 CAMBRIA RD
HILLSDALE MI 49242

System Name/Owner:	DON GIRDHAM	WSSN/Pool ID:		
Collection Address:	5538 CAMBRIA RD,HILLSDALE	Source:	Single Family Dwelling	
Collected By:	DON GIRDHAM	Site Code:		
Township/Well#/Section:	CAMBRIA//21	Collector:	Private Citizen	
County:	Hillsdale	Date Collected:	04/15/2014	07:30
Sample Point:	BARN HYDRANT	Date Received:	04/17/2014	08:43
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Sample was more than 30 hours old when analyzed. Coliform result is possibly invalid for testing done more than 30 hours after sample collection.						
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	9	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.40	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	284	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	8	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	35	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Branch-Hillsdale-St. Joseph Health Dept
20 Care Drive
Hillsdale, MI 49242
517 437-7395

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14889

Official Laboratory Report

Report To: OPEN DOOR BIBLE CHURCH
14976 UNION RD
HUDSON MI 49247

System Name/Owner:	OPEN DOOR BIBLE CHURCH	WSSN/Pool ID:	2021830	
Collection Address:	14976 UNION RD,HUDSON	Source:	TYPE III	
Collected By:	DAVE GIER	Site Code:		
Township/Well#/Section:	PITTSFORD//	Collector:	Private Citizen	
County:	Hillsdale	Date Collected:	04/15/2014	16:00
Sample Point:	BATHROOM	Date Received:	04/17/2014	09:15
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	12	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.62	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	151	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	37	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Branch-Hillsdale-St. Joseph Health Dept
20 Care Drive
Hillsdale, MI 49242
517 437-7395

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14890

Official Laboratory Report

Report To: OPEN DOOR BIBLE CHURCH
14976 UNION RD
HUDSON MI 49247

System Name/Owner:	OPEN DOOR BIBLE CHURCH	WSSN/Pool ID:	2021830	
Collection Address:	14976 UNION RD,HUDSON	Source:	TYPE III	
Collected By:	DAVE GIER	Site Code:		
Township/Well#/Section:	PITTSFORD//	Collector:	Private Citizen	
County:	Hillsdale	Date Collected:	04/15/2014	16:00
Sample Point:	BATHROOM	Date Received:	04/17/2014	09:16
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

Sample Comment **LF14890** **Sample had exceeded EPA holding time for test code B when received in the laboratory.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
^^^ NOT TESTED^^^	Not Tested	04/17/2014				NOTST-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Branch-Hillsdale-St. Joseph Health Dept
20 Care Drive
Hillsdale, MI 49242
517 437-7395

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF12373

Official Laboratory Report

Report To: KRISTIN RIALS
PO BOX 51
JONESVILLE MI 49250

System Name/Owner:	LORI GRIPMAN		WSSN/Pool ID:	
Collection Address:	3755 W LONG LAKE DR,READING		Source:	Single Family Dwelling
Collected By:			Site Code:	
Township/Well#/Section:	//		Collector:	Other
County:	Hillsdale		Date Collected:	03/21/2014 13:00
Sample Point:	BATH		Date Received:	03/21/2014 15:45
Water System:	Untreated Private Well		Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**03/21/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	14	03/21/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.11	03/21/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	50	03/21/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	1.2	03/21/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	03/21/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not Detected	03/21/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	76	03/21/2014	5		SM 3500 NaB	7440-23-5
Sulfate	16	03/21/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Branch-Hillsdale-St. Joseph Health Dept
20 Care Drive
Hillsdale, MI 49242
517 437-7395

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14836

Official Laboratory Report

Report To: AMERICAN LEGION POST 127
4310 18TH ST
DORR MI 49323

System Name/Owner:	AMERICAN LEGION POST 127	WSSN/Pool ID:	2036203	
Collection Address:	4310 18TH ST,DORR	Source:	TYPE II	
Collected By:	BARBARA LAVIGNE	Site Code:		
Township/Well#/Section:	DORR//	Collector:	Other	
County:	Allegan	Date Collected:	04/16/2014	12:00
Sample Point:	BAR	Date Received:	04/17/2014	08:40
Water System:	Other	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	7	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.35	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	117	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	19	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14825

Official Laboratory Report

Report To: THORNAPPLE KELLOGG SCHOOLS
10051 GREEN LAKE RD
MIDDLEVILLE MI 49333

System Name/Owner:	THORNAPPLE KELLOGG SCHOOLS	WSSN/Pool ID:	825051
Collection Address:	3885 GREEN LAKE RD,MIDDLEVILLE	Source:	Swimming Pool or Spa
Collected By:	SHAWN HAYWARD	Site Code:	
Township/Well#/Section:	THORNAPPLE//	Collector:	Other
County:	Barry	Date Collected:	04/16/2014 07:00
Sample Point:	POOL	Date Received:	04/17/2014 08:28
Water System:	Other	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
330 West Woodlawn Ave
Hastings, MI 49058
269 945-9516

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14828

Official Laboratory Report

Report To: HAMILTON COMMUNITY SCHOOLS
4845 136TH AVE
HAMILTON MI 49419

System Name/Owner:	HAMILTON COMMUNITY SCHOOLS	WSSN/Pool ID:	340501
Collection Address:	4845 136TH AVE,HAMILTON	Source:	Swimming Pool or Spa
Collected By:	MIKE DENBESTEN	Site Code:	
Township/Well#/Section:	FILMORE//36	Collector:	Public Water Supply Operator
County:	Allegan	Date Collected:	04/16/2014 15:15
Sample Point:	POOL WATER	Date Received:	04/17/2014 08:30
Water System:	Other	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14835

Official Laboratory Report

Report To: TRESTLE STOP
BOX 41
HAMILTON MI 49419

System Name/Owner:	KJ LAND CO LLC	WSSN/Pool ID:	2059503	
Collection Address:	3366 M40,HAMILTON	Source:	TYPE II	
Collected By:	JEFF LAMPEN	Site Code:		
Township/Well#/Section:	HEATH//	Collector:	Private Citizen	
County:	Allegan	Date Collected:	04/15/2014	15:00
Sample Point:	KITCHEN	Date Received:	04/17/2014	08:40
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Chloride	10	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	73	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	50	04/17/2014	10		SM 4500 SO4E	14808-79-8

Sample was more than 30 hours old when analyzed. Results will be evaluated by regulating agency.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14756

Official Laboratory Report

Report To: DARYL K PETERSON
6115 W OLMSTEAD ROAD
LUDINGTON MI 49431

System Name/Owner:	FMHA 2014	WSSN/Pool ID:		
Collection Address:	5788 W MEISENHEIMER,LUDINGTON	Source:	TYPE III	
Collected By:	DARYL K PETERSON	Site Code:	53-0012	
Township/Well#/Section:	SUMMIT//14	Collector:	Private Citizen	
County:	Mason	Date Collected:	04/15/2014	14:00
Sample Point:	LAUNDRY ROOM SINK	Date Received:	04/16/2014	10:59
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/16/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	04/16/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.17	04/16/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	181	04/16/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.7	04/16/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/16/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/16/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	7	04/16/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/16/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
916 Diana
Ludington, MI 49431
231 845-7381

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14866

Official Laboratory Report

Report To: TIMBERLINE MOTEL
3353 BLUE STAR HWY
SAUGATUCK MI 49453

System Name/Owner:	BHOGILAL M PATEL	WSSN/Pool ID:		
Collection Address:	3353 BLUE STAR HWY,SAUGATUCK	Source:	TYPE I	
Collected By:	BHARAT PATEL	Site Code:		
Township/Well#/Section:	/1/	Collector:	Other	
County:	Allegan	Date Collected:	04/16/2014	10:15
Sample Point:		Date Received:	04/17/2014	09:02
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.35	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	85	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	14	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14867

Official Laboratory Report

Report To: TIMBERLINE MOTEL
3353 BLUE STAR HWY
SAUGATUCK MI 49453

System Name/Owner:	BHOGILAL PATEL	WSSN/Pool ID:		
Collection Address:	3353 BLUE STAR HWY,SAUGATUCK	Source:	TYPE I	
Collected By:	BHARAT PATEL	Site Code:		
Township/Well#/Section:	/2/	Collector:	Other	
County:	Allegan	Date Collected:	04/16/2014	10:15
Sample Point:		Date Received:	04/17/2014	09:02
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.21	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	83	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	10	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14844

Official Laboratory Report

Report To: SPRINGDALE FARMS
922 W KINNEY
SCOTTVILLE MI 49454

System Name/Owner:	SPRINGDALE CAMP 2014	WSSN/Pool ID:		
Collection Address:	3583 S APPLETON,SCOTTVILLE	Source:	TYPE III	
Collected By:	JAMES SCHWASS	Site Code:	53-0019	
Township/Well#/Section:	RIVERTON//1	Collector:	Private Citizen	
County:	Mason	Date Collected:	04/16/2014	11:00
Sample Point:	KITCHEN	Date Received:	04/17/2014	08:48
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.53	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	224	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.5	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	13	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
916 Diana
Ludington, MI 49431
231 845-7381

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14845

Official Laboratory Report

Report To: SPRINGDALE FARMS
922 W KINNEY
SCOTTVILLE MI 49454

System Name/Owner:	SPRINGDALE CAMP II 2014	WSSN/Pool ID:		
Collection Address:	3379 S SCOTTVILLE,SCOTTVILLE	Source:	TYPE III	
Collected By:	JAMES SCHWASS	Site Code:	53-0043	
Township/Well#/Section:	RIVERTON//1	Collector:	Private Citizen	
County:	Mason	Date Collected:	04/16/2014	11:00
Sample Point:	KITCHEN	Date Received:	04/17/2014	08:48
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	14	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.13	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	204	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	8	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	24	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
916 Diana
Ludington, MI 49431
231 845-7381

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14833

Official Laboratory Report

Report To: J & H FLEMING FARMS INC
2024 S 96TH AVE
SHELBY MI 49455

System Name/Owner:	NEAR CAMP 2014		WSSN/Pool ID:		
Collection Address:	2248 S 96TH,SHELBY		Source:	TYPE III	
Collected By:	JASON FLEMING		Site Code:	64-0286	
Township/Well#/Section:	SHELBY//14		Collector:	Private Citizen	
County:	Oceana		Date Collected:	04/16/2014	09:30
Sample Point:	OUTDOOR FAUCET		Date Received:	04/17/2014	08:40
Water System:	Public System Well		Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	8	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.13	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	210	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	8.0	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	6	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	36	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
3986 North Oceana Drive
Hart, MI 49420
231 873-2193

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14887

Official Laboratory Report

Report To: GARY LINDER
PO BOX 113
HERSEY MI 49639

System Name/Owner:	GARY LINDER	WSSN/Pool ID:		
Collection Address:	15670 BEECH RD,HERSEY	Source:	Single Family Dwelling	
Collected By:	GARY LINDER	Site Code:		
Township/Well#/Section:	GRANT//	Collector:	Private Citizen	
County:	Mecosta	Date Collected:	04/16/2014	13:00
Sample Point:	KITCHEN FAUCET	Date Received:	04/17/2014	09:15
Water System:	Untreated Private Well	Purpose:	Water Quality Problem	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	24	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	269	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.6	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	9	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	24	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
14485 Northland Drive
Big Rapids, MI 49307
231 592-0178

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14834

Official Laboratory Report

Report To: DAVINE HESTER
PO BOX 28
CEDARVILLE MI 49719

System Name/Owner:	LES CHENEAUX CHRISTIAN FELLOWS	WSSN/Pool ID:		
Collection Address:	202 BLINDLINE RD,CEDARVILLE	Source:	TYPE II	
Collected By:	DAVINE HESTER	Site Code:		
Township/Well#/Section:	CLARK//	Collector:	Private Citizen	
County:	Mackinac	Date Collected:	04/15/2014	15:30
Sample Point:	KITCHEN	Date Received:	04/17/2014	08:40
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/17/2014**			**SM 9223 B**	**TC-00-B**
Sample was more than 30 hours old when analyzed. Results will be evaluated by regulating agency.						
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	12	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	1.2	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	201	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.2	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	9	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

LMAS District Health Dept.
749 Hornbach
St. Ignace, MI 49781
906 643-1105

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14882

Official Laboratory Report

Report To: TIM MAYER
PO BOX 124
RUDYARD MI 49780

System Name/Owner:	MARK & BEV EAVOU	WSSN/Pool ID:	96612100
Collection Address:	2430 E 5 1/4 MILE RD,SAULT ST MARIE	Source:	Single Family Dwelling
Collected By:	TIM MAYER	Site Code:	
Township/Well#/Section:	SOO//33	Collector:	Other
County:	Chippewa	Date Collected:	04/16/2014 12:00
Sample Point:	WELL HEAD	Date Received:	04/17/2014 09:14
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	Not detected	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.18	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	169	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	24	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not Detected	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Chippewa County Health Dept.
508 Ashmun, Suite 120
Sault Sainte Marie, MI 49783
906 635-3620

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF14896

Official Laboratory Report

Report To: ALEX BEERLING
112 DANA LN
MARQUETTE MI 49855

System Name/Owner:	ALEX BEERLING	WSSN/Pool ID:		
Collection Address:	112 DANA LN,MARQUETTE	Source:	Single Family Dwelling	
Collected By:	ALEX BEERLING	Site Code:		
Township/Well#/Section:	CHOCOLAY//	Collector:	Private Citizen	
County:	Marquette	Date Collected:	04/15/2014	07:00
Sample Point:	KITCHEN	Date Received:	04/17/2014	09:18
Water System:	Untreated Private Well	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	Not detected	04/17/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/17/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	28	04/17/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/17/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/17/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/17/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	04/17/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/17/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Marquette County Health Dept.
184 US 41 Hwy East
Negaunee, MI 49866
906 475-4195

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

Message

From: Kevin Forbes [kevin@beecherwater.us]
Sent: 6/3/2014 6:13:01 PM
To: Rosenthal, Adam (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd8a68b2ca8b48ca9daef33d204269c0-Rosenthal Adam]
Subject: FW: Coliform Testing Results
Attachments: Beecher6-3-2014.pdf

Kevin Forbes

Administrative Superintendent

Beecher Metropolitan District

G-1057 Louis Avenue | Flint | MI | 48505

810.787.6526 Office | 810.787.6526 Fax | **PPI** **Cell**

www.beecherwater.us

From: Michael Glasgow [mailto:mglasgow@cityofflint.com]
Sent: Tuesday, June 03, 2014 2:08 PM
To: Kevin Forbes
Subject: Coliform Testing Results

Kevin,

Attached are the results of coliform testing from samples delivered on 6/2/2014. All samples were good.

Mike Glasgow

City of Flint Water Plant

DEPARTMENT OF UTILITIES
Water Plant & Facilities

Department of Utilities
FLINT WATER PLANT

Dayne Walling
Mayor

Brent Wright
Supervisor

June 3, 2014

Beecher Water Department
Attn: Kevin Forbes
G-1057 Louis Ave
Flint, MI 48505
(810) 787-6526
(810) 787-0050 fax
kevin@beecherwater.us

Laboratory Results

Sampling Information				Bacteriological Results		
Sample #	Sample ID	Sample Date	Time	Test Date	Total Coliform	Fecal Coliform / *E. coli*
#1 Sta.	1057 Louis Ave	6/2/2014	7:44	6/2/2014	Absent *	Absent *
#2 Sta.	6141 N. Saginaw Rd.	6/2/2014	10:35	6/2/2014	Absent *	Absent *
#3 Sta	5204 N Saginaw	6/2/2014	11:20	6/2/2014	Absent *	Absent *
#4 Sta	5227 N Saginaw	6/2/2014	11:43	6/2/2014	Absent *	Absent *
#5 Sta.	2203 W. Coldwater	6/2/2014	10:14	6/2/2014	Absent *	Absent *
#6 Sta.	1240 E Coldwater	6/2/2014	10:57	6/2/2014	Absent *	Absent *
#5 well	6218 Penwood	6/2/2014	9:58	6/2/2014	Absent *	Absent *
#6 Well	2003 W Stanley Rd	6/2/2014	8:55	6/2/2014	Absent *	Absent *

* Standard Methods 9223 B. Enzyme Substrate Test Presence-Absence.

Mike Glasgow
City of Flint Water Plant WSSN: 2310
Laboratory & Water Quality Supervisor
(810) 787-6537 ext. 3512
Mglasgow@cityofflint.com

FLINT
WATER PLANT & FACILITIES

Laboratory Testing Services
4500 N. Dort Hwy.
Flint, MI 48505
(810)787-6537
(810) 787-3710 fax

Customer:	Beecher Water Dept.
Contact:	Kevin Forbes
Address:	G-1057 Louis Ave Flint, MI 48505
Phone # :	(810) 787-6526
Fax # :	(810) 787-0050
E-mail:	kevin@beecherwater.us

Samples relinquished by: Kevin Forbes

Date: 6-2-14 Time: 12:10 pm

Samples received by: [signature]

Date: 6/2/14 Time: 12:10

Analysis Requested

Sample #	Sample Identification	Date	Time	Initials	Coliform	pH	Fluoride	NH_3	Other
STA #1	1057 Louis Avenue	6-2-14	7:44AM	KF	X				
WELL #6	2003 Stanley Rd	6-2-14	8:55AM	KF	X				
WELL #5	6218 Penwood	6-2-14	9:35AM	KF	X				
STA #5	3303 W. Coldwater Rd	6-2-14	10:14AM	KF	X				
STA #2	6141 N. Saginaw Rd	6-2-14	10:35AM	KF	X				
STA #6	1240 E. Coldwater Rd	6-2-14	10:57AM	KF	X				
STA #3	5204 N. Saginaw Rd	6-2-14	11:30AM	KF	X				
STA #4	5327 N. Saginaw Rd	6-2-14	11:43AM	KF	X				

Message

From: Kevin Forbes [kevin@beecherwater.us]
Sent: 8/12/2014 7:14:59 PM
To: Rosenthal, Adam (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd8a68b2ca8b48ca9daef33d204269c0-Rosenthal Adam]
Subject: FW: Coliform Testing Results
Attachments: Beecher 8-12-14.pdf

Kevin Forbes

Administrative Superintendent

Beecher Metropolitan District

G-1057 Louis Avenue | Flint | MI | 48505

810.787.6526 Office | 810.787.6526 Fax | **PPI** **Cell**

www.beecherwater.us

From: Michael Glasgow [mailto:mglasgow@cityofflint.com]
Sent: Tuesday, August 12, 2014 3:01 PM
To: Kevin Forbes
Subject: Coliform Testing Results

Kevin,

Here are the results for coliform testing for samples delivered on 8/11/2014. All samples were good.

Mike

DEPARTMENT OF UTILITIES
Water Plant & Facilities

Department of Utilities
FLINT WATER PLANT

Dayne Walling
Mayor

Brent Wright
Supervisor

Beecher Water Department
Attn: Kevin Forbes
G-1057 Louis Ave
Flint, MI 48505
(810) 787-6526
(810) 787-0050 fax
kevin@beecherwater.us

August 12, 2014

Laboratory Results

Sampling Information				Bacteriological Results		
Sample #	Sample ID	Sample Date	Time	Test Date	Total Coliform	Fecal Coliform / E. coli
#1 Sta.	1057 Louis Ave	8/11/2014	9:10	8/11/2014	Absent *	Absent *
#2 Sta.	6141 N. Saginaw	8/11/2014	9:26	8/11/2014	Absent *	Absent *
#3 Sta	5204 N Saginaw	8/11/2014	9:48	8/11/2014	Absent *	Absent *
#5 Sta.	2203 W Coldwater	8/11/2014	8:50	8/11/2014	Absent *	Absent *

* Standard Methods 9223 B. Enzyme Substrate Test. Presence-Absence.

Mike Glasgow
City of Flint Water Plant WSSN: 2310
Laboratory & Water Quality Supervisor
(810) 787-6537 ext. 3512
Mglasgow@cityofflint.com

FLINT
WATER PLANT & FACILITIES

Laboratory Testing Services

4500 N. Dort Hwy.

Flint, MI 48505

(810)787-6537

(810) 787-3710 fax

Customer:	Beecher Water Dept.
Contact:	Kevin Forbes
Address:	G-1057 Louis Ave Flint, MI 48505
Phone # :	(810) 787-6526
Fax # :	(810) 787-0050
E-mail:	kevin@beecherwater.us

Samples relinquished by: Eric Southward

Date: 8/11/14 Time: 10:05

Samples received by: Chris Bowman

Date: 8/11/14 Time: 11:21

Analysis Requested

Sample #	Sample Identification	Date	Time	Initials	Coliform	pH	Fluoride	NH_3	Other
Sta #5	2203 W. Coldwater	8/11/14	8:50	ES	X				
Sta #1	1057 Louis Ave.	8/11/14	9:10	ES	X				
Sta. #2	6141 N. Saginaw Rd.	8/11/14	9:26	ES	X				
Sta #3	5204 N. Saginaw Rd	8/11/14	9:48	ES	X				
					X				
					X				
					X				
					X				

Message

From: Kevin Forbes [kevin@beecherwater.us]
Sent: 9/18/2014 6:15:08 PM
To: Rosenthal, Adam (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd8a68b2ca8b48ca9daef33d204269c0-Rosenthal Adam]
Subject: FW: Coliform Test Results
Attachments: Beecher 9-18-2014.pdf

Kevin Forbes

Administrative Superintendent

Beecher Metropolitan District

G-1057 Louis Avenue | Flint | MI | 48505

810.787.6526 Office | 810.787.6526 Fax | **PPI** **Cell**

www.beecherwater.us

From: Michael Glasgow [mailto:mglasgow@cityofflint.com]
Sent: Thursday, September 18, 2014 2:09 PM
To: Kevin Forbes
Subject: Coliform Test Results

Kevin,

Hope all is well out in Beecher. Attached are the coliform test results from samples delivered on 9/17/2014. All samples were good.

Mike Glasgow

City of Flint Water Plant

DEPARTMENT OF UTILITIES
Water Plant & Facilities

Department of Utilities
FLINT WATER PLANT

Dayne Walling
Mayor

Brent Wright
Supervisor

Beecher Water Department
Attn: Kevin Forbes
G-1057 Louis Ave
Flint, MI 48505
(810) 787-6526
(810) 787-0050 fax
kevin@beecherwater.us

August 18, 2014

Laboratory Results

Sampling Information				Bacteriological Results		
Sample #	Sample ID	Sample Date	Time	Test Date	Total Coliform	Fecal Coliform / *E. coli*
Sta. # 1	1057 Louis Ave.	9/17/2014	7:48	9/17/2014	Absent *	Absent *
Sta. # 2	6141 N. Saginaw St.	9/17/2014	8:49	9/17/2014	Absent *	Absent *
Sta. # 4	5227 N. Saginaw Rd.	9/17/2014	9:55	9/17/2014	Absent *	Absent *
Sta. # 5	2203 W. Coldwater Rd.	9/17/2014	8:23	9/17/2014	Absent *	Absent *
Sta. # 6	1240 E. Coldwater Rd.	9/17/2014	9:09	9/17/2014	Absent *	Absent *

* Standard Methods 9223 B. Enzyme Substrate Test Presence-Absence

Mike Glasgow
City of Flint Water Plant WSSN: 2310
Laboratory & Water Quality Supervisor
(810) 787-6537 ext. 3512
Mglasgow@cityofflint.com

FLINT
WATER PLANT & FACILITIES

Laboratory Testing Services
4500 N. Dort Hwy.
Flint, MI 48505
(810)787-6537
(810) 787-3710 fax

Customer:	Beecher Water Dept.
Contact:	Kevin Forbes
Address:	G-1057 Louis Ave Flint, MI 48505
Phone #:	(810) 787-6526
Fax #:	(810) 787-0050
E-mail:	kevin@beecherwater.us

Samples relinquished by: Eric Southward
Date: 9-17-14 Time: 10:44
Samples received by: Kevin McLeod
Date: 9/17/14 Time: 11:00

Analysis Requested

Sample #	Sample Identification	Date	Time	Initials	Coliform	pH	Fluoride	NH_3	Other
STA #1	1057 Louis Avenue	9-17-14	7:48 AM	KF	X				
STA #5	2203 W. Coldwater	9-17-14	8:23 AM	ES	X				
STA #2	6141 N. Saginaw	9-17-14	8:49 AM	ES	X				
STA #6	1240 E. Coldwater	9-17-14	9:09 AM	ES	X				
STA #4	5227 N. Saginaw	9-17-14	9:55 AM	ES	X				
					X				
					X				
					X				

From: Kathi Delgrosso <kathi.delgrosso@douglasenv.net>
Sent: Monday, October 27, 2014 1:16 PM
To: Rosenthal, Adam (DEQ)
Subject: FW: DEQ-Laboratory Report-41003089
Attachments: 41003089.PDF

Hi Adam

The new Partial Chemistry results for WestHaven MHP are attached

Kathi DelGrosso
Office Manager
Douglas Environmental Services, Inc.
11082 Blaine Rd.
Brighton, MI 48114
(810) 629-0857 Fax: (810) 629-0858

From: DEQ-DWR-LABREPORTS [DEQ-DWR-LABREPORTS2@michigan.gov]
Sent: Monday, October 27, 2014 9:07 AM
To: Kathi Delgrosso
Subject: DEQ-Laboratory Report-41003089

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF44224

Official Laboratory Report

Report To: DOUGLAS ENVIRONMENTAL SERVICES
11082 BLAINE RD
BRIGHTON MI 48114

System Name/Owner:	WEST HAVEN M H P	WSSN/Pool ID:	40162	
Collection Address:	WELL HOUSE,FLINT	Source:	TYPE I	
Collected By:	JIM RICH	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/23/2014	08:50
Sample Point:	POE	Date Received:	10/24/2014	08:25
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	131	10/24/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	1.1	10/24/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	268	10/24/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	10/24/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	10/24/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	10/24/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	83	10/24/2014	5		SM 3500 NaB	7440-23-5
Sulfate	23	10/24/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

Message

From: Kevin Forbes [kevin@beecherwater.us]
Sent: 11/18/2014 8:34:00 PM
To: Rosenthal, Adam (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd8a68b2ca8b48ca9daef33d204269c0-Rosenthal Adam]
Subject: FW: Coliofrm Test Results
Attachments: Beecher 11-18-14.pdf

Kevin Forbes

Administrative Superintendent

Beecher Metropolitan District

G-1057 Louis Avenue | Flint | MI | 48505

810.787.6526 Office | 810.787.6526 Fax | **PPI** **Cell**

www.beecherwater.us

From: Michael Glasgow [mailto:mglasgow@cityofflint.com]
Sent: Tuesday, November 18, 2014 1:12 PM
To: Kevin Forbes
Subject: Coliofrm Test Results

Kevin,

Here are the coliform testing results from samples delivered on 11/17. All samples were good.

Mike Glasgow

DEPARTMENT OF UTILITIES
Water Plant & Facilities

Department of Utilities
FLINT WATER PLANT

Dayne Walling
Mayor

Brent Wright
Supervisor

Beecher Water Department
Attn: Kevin Forbes
G-1057 Louis Ave
Flint, MI 48505
(810) 787-6526
(810) 787-0050 fax
kevin@beecherwater.us

November 18, 2014

Laboratory Results

Sampling Information				Bacteriological Results		
Sample #	Sample ID	Sample Date	Time	Test Date	Total Coliform	Fecal Coliform / E. coli
#1 Sta.	1057 Louis Ave	11/17/2014	8:14	11/17/2014	Absent *	Absent *
#2 Sta.	6141 N. Saginaw	11/17/2014	8:32	11/17/2014	Absent *	Absent *
#4 Sta.	5227 N. Saginaw	11/17/2014	11:48	11/17/2014	Absent *	Absent *
#5 Sta.	2203 W. Coldwater Rd.	11/17/2014	10:26	11/17/2014	Absent *	Absent *
#6 Sta.	1240 E. Coldwater Rd.	11/17/2014	8:50	11/17/2014	Absent *	Absent *

* Standard Methods 9223 B, Enzyme Substrate Test: Presence-Absence.

Mike Glasgow
City of Flint Water Plant WSSN: 2310
Laboratory & Water Quality Supervisor
(810) 787-6537 ext. 3512
Mglasgow@cityofflint.com

FLINT
WATER PLANT & FACILITIES

Laboratory Testing Services

4500 N. Dort Hwy.

Flint, MI 48505

(810)787-6537

(810) 787-3710 fax

Customer:	Beecher Water Dept.
Contact:	Kevin Forbes
Address:	G-1057 Louis Ave Flint, MI 48505
Phone #:	(810) 787-6526
Fax #:	(810) 787-0050
E-mail:	kevin@beecherwater.us

Samples relinquished by: Kevin Forbes

Date: 11-17-14 Time: 12:05 pm

Samples received by: [signature]

Date: 11/17/14 Time: 1205

Analysis Requested

Sample #	Sample Identification	Date	Time	Initials	Coliform	pH	Fluoride	NH_3	Other
STA #1	1057 Louis Ave.	11-17-14	8:14 AM	KF	X				
STA #2	6141 N. Saginaw Rd.	11-17-14	8:32 AM	KF	X				
STA #6	1240 E. Coldwater Rd.	11-17-14	8:50 AM	KF	X				
STA #5	2203 W. Coldwater Rd.	11-17-14	10:26 AM	KF	X				
STA #4	5207 N. Saginaw Rd.	11-17-14	11:48 AM	KF	X				
					X				
					X				
					X				

From: Philip, Kris (DEQ)
Sent: Tuesday, November 26, 2013 3:33 PM
To: Rosenthal, Adam (DEQ);Busch, Stephen (DEQ)
Subject: DBP Schedule 1 Update
Attachments: D1 DBP Sch 1 Status.xlsx

Adam & Steve,

Attached is the status of Stage 2, Schedule 1 monitoring for D1. I am currently drafting VNs for Burton and Genessee County – both missed 2 quarters. Then I'll work on Imlay City and Montrose – both sampled a month late. I'll forward the drafts to Adam when finished.

That leaves Almont. They sampled in August, but it appears to be at the wrong site. Before I draft a VN for this one, let me know if there is a reason NOT to issue a violation (sanctioned change in address, or whatever else).

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	District	PWS ID	System Name	Population	Start Month	Date Collected (Apr, May, Jun)	Date Collected (Jul, Aug, Sep)	Date Collected (Oct, Nov, Dec)	Date Collected (Jan, Feb, Mar)	Date Collected (Apr, May, Jun)	Date Collected (Jul, Aug, Sep)	Date Collected (Oct, Nov, Dec)	Date Collected (Jan, Feb, Mar)	
2	DISTRICT 11	MI0000150	ALMONT, VILLAGE OF	2803	May	5/8/2012	8/7/2012	11/6/2012	2/4/2013		**8/1/2013 Mon Viol**			A
3	DISTRICT 11	MI0001010	BURTON, CITY OF	20900	April	4/11/2012	7/11/2012	10/3/2012	1/23/2013	**Mon Viol**	**Mon Viol**	10/30/2013	Jan	Q
4	DISTRICT 11	MI0001490	CLIO, CITY OF	2483	May	5/14/2012	8/8/2012	11/7/2012	2/6/2013		8/7/2013			A
5	DISTRICT 11	MI0002310	FLINT, CITY OF	124943	May	5/23/2012	8/22/2012	11/20/2012	2/20/2013	5/22/2013	8/21/2013	Nov	Feb	Q
6	DISTRICT 11	MI0002340	FLUSHING, CITY OF	7815	May	5/14/2012	8/14/2012	11/13/2012	2/11/2013		8/12/2013			A
7	DISTRICT 11	MI0002615	GENESEE COUNTY	76500	April	4/18/2012	7/18/2012	10/17/2012	1/15/2013	**Mon Viol**	**Mon Viol**	10/31/2013	Jan	Q
8	DISTRICT 11	MI0002617	GENESEE TOWNSHIP	~~9500~~ >10k	May	5/22/2012	8/9/2012	11/6/2012	2/5/2013	5/7/2013	8/14/2013	Nov	Feb	Q
9	DISTRICT 11	MI0002745	GRAND BLANC TOWNSHIP	18000	April	4/16/2012	7/16/2012	10/15/2012	1/21/2013	4/16/2013	7/15/2013	10/21/2013	Jan	Q
10	DISTRICT 11	MI0003340	IMLAY CITY, CITY OF	3869	May	5/14/2012	8/14/2012	11/16/2012	2/11/2013		**9/17/2013 Mon Viol**			A
11	DISTRICT 11	MI0003780	LAPEER, CITY OF	9072	May	5/14/2012	8/13/2012	11/16/2012	2/11/2013	5/13/2013	8/13/2013	Nov	Feb	A
12	DISTRICT 11	MI0004480	MONTROSE, CITY OF	1619	May	5/14/2012	8/14/2012	11/6/2012	2/4/2013		**9/11/2013 Mon Viol**			A
13	DISTRICT 11	MI0004520	MOUNT MORRIS, CITY OF	3194	May	5/15/2012	8/14/2012	11/13/2012	2/11/2013		8/13/2013			A
14	DISTRICT 11	MI0006505	SWARTZ CREEK, CITY OF	6800	May	5/9/2012	8/13/2012	11/5/2012	2/6/2013	5/7/2013	8/8/2013			A
15	District 12	MI0003760	LANSING BWL	142000	May	5/14/2012	8/13/2012	11/12/2012	2/12/2013	5/21/2013	8/12/2013	Nov	Feb	Q
16	District 12	MI0001790	DELTA TWP	22300	May	5/15/2012	8/13/2012	11/12/2012	2/11/2013		8/12/2013			A
17	District 12	MI0003770	LANSING TWP	5000	August		8/13/2012				8/12/2013			A
18														
19		in SDWIS												

	O
1	
2	**8/1/13 taken at wrong address = violation (unless explanation)**
3	RTC 10/30/13
4	GOOD
5	GOOD (note: cannot reduce to 2 sites - DBP1 LRAA >40)
6	GOOD
7	RTC 10/31/13
8	GOOD (note: cannot reduce to 1 site - DBP1 LRAA >40)
9	GOOD
10	**9/17/13 sample taken outside monitoring period & TTHM at wrong site.**
11	GOOD (note: cannot reduce to annual - DBP1 LRAA >40)
12	**9/11/13 sample taken outside monitoring period.**
13	GOOD
14	GOOD
15	GOOD
16	GOOD
17	GOOD
18	
19	

Message

From: McClellan, Michael (DEQ) [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=4A4176AC30944A1DA7847953AEC898DC-MCCLELLAN MICHAEL_864E42FD75]
Sent: 12/6/2013 5:30:06 PM
To: Wurfel, Brad (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fe4c6f6a36cd400aaebd429a6108fdc2-Wurfel Brad]
CC: DEQ-Lansing District [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=31d23ee424084dbc852067b0cef19547-DNRE-Lansing District]
Subject: RE: 2014 Communications planning: NEED YOUR HELP
Attachments: 2013 Lansing District top Accomplishments.docx

Brad,

Here is a quick and dirty list of some of the 2013 Lansing District Accomplishments.

Probably more than you need but let me know if you need more or more information.

Michael F. McClellan

Lansing District Coordinator

Lansing District Air Quality Supervisor

525 W. Allegan

Lansing, MI 48909

Phone: 517-284-6637

From: Wurfel, Brad (DEQ)
Sent: Monday, November 25, 2013 5:30 PM
To: Creal, William (DEQ); Fish, Kim (DEQ); Erickson, Susan (DEQ); Wagner, Robert (DEQ); Browne, Elizabeth (DEQ); Shekter Smith, Liane (DEQ); Allan, Jon (DEQ); Fitch, Hal (DEQ); Feighner, Bryce (DEQ); Hellwig, Vince (DEQ); Fiedler, Lynn (DEQ); Kasprzak, Jim (DEQ); Epkey, Amy (DEQ)
Cc: Sellers, Fred (DEQ); Hollenbach, Heidi (DEQ); Roycraft, Phil (DEQ); Hare, Chris (DEQ); Hartz, Andrew (DEQ);

Ethridge, Christopher (DEQ); Adelman, Mitch (DEQ); McClellan, Michael (DEQ); Casey, Steve (DEQ); Sweeney, Brian (DEQ); Thelen, Mary Beth (DEQ); Feuerstein, Heather (DEQ); Wyant, Dan (DEQ)
Subject: 2014 Communications planning: NEED YOUR HELP
Importance: High

Greetings, all. We're moving toward a great 2014, where we will be doing more strategic communication and impactful storytelling.

As we prepare the departmental communications plan, I need your input. The Director has tasked me with collecting 2013 Accomplishments from each of the divisions and districts.

I don't need a book. Half a dozen of your top accomplishments on the year would be very helpful. One liner with a few sentences.

I need these by Dec. 6, in preparation for an off-site planning meeting Dec. 9.

If you have questions, please get in touch with me directly. THANK YOU, and happy holidays.

Brad Wurfel

Communications Director

Michigan Department of Environmental Quality

PLEASE NOTE NEW DESK PHONE:

517-284-6713 – office

PPI
cell

2013 Lansing District top Accomplishments

Director's District site visit on 8/23/13:

The Director heard stories heard from all the facilities we visited complementing our District staff. At every site, facility staff were enthusiastic about telling him and the legislators about how good our staff has been to work with; about how we have gone above and beyond in offering assistance.

Senator Rick Jones was with us at Granger, F.C. Mason and lunch. Representative Tom Leonard was will us at Schlegel, Granger, F.C. Mason, lunch, and Beebe wind farm. Representative Andy Schor was with us at Granger and Representative Rick Outman was with us at Plasti-Paint. They heard these stories of the regulated community complementing our staff. They saw first-hand the good relationships we have with our facilities.

LBWL REO-town gas fired steam and electric generation plant

AQD issued a permit to allow for the construction and operation of the BWL's first natural gas-fired steam and electric generation facility.

Diamond Chrome Plating, Inc.: Complex Multimedia Compliance Assistance:

Pursuant to recent Part 201 amendments, Diamond Chrome Plating (DCP) requested revising a 2006 multi-media consent decree. Lansing District staff briefed Director Wyant on air, remediation, water, and hazardous waste issues resulting from plating chemical releases at DCP.

During the past year, Lansing District continued, via numerous site visits and meetings, to help DCP focus efforts addressing NREPA violations resulting from on-going contaminated storm water and groundwater discharges to the storm and sanitary sewers; hazardous waste releases, and air emission control equipment leaks. Lansing District provided compliance assistance with storm water exposure control, delineation of soil and groundwater contamination; groundwater injection treatment pilot test monitoring; air emission control improvements, off site contaminant monitoring, in-plant releases, and evaluations of releases off site through storm and sanitary sewer pipe cracks and contaminated groundwater migration . The district also provided oversight of permitted discharges to air and sewers and hazardous waste accumulation for off -site disposal.

Lansing District staff continue to work with DCP to control pollution sources, address existing contamination, and prevent the spread of contamination. Lansing District is presently working with the assigned assistant attorney general and DEQ division offices to update the 2006 consent decree to better address outstanding facility compliance issues.

Office of Drinking Water and Municipal Assistance, Disinfection By-Product Report Workshop

August 7, the Lansing District held a Stage 2 DBPR Workshop at Constitution Hall to help systems complete a Stage 2 DBP Compliance Monitoring Plan.
The workshop turned out to be a successful endeavor with about 40 attendees in the morning session representing 50+ systems and an additional 10 attendees in the afternoon session.

With over 90 community water systems in the Lansing District under Schedule 3&4 of the Stage 2 DBPR, this puts us well over the halfway mark to having everyone under an approved compliance monitoring plan.

Thanks go out to the Lansing District Staff (Adam Rosenthal, Mark Joseph, Bethel Skinker, Mike Prysby, and Jo Anne Rennaker) along with Brock Howard and Kris Philip for everyone's efforts in preparing, getting the word out, getting things setup, and assisting water systems during the workshop. Special thanks also goes to Brock Howard for presenting the material.

Expansion of Brent Run Landfill – permit for longest stream relocation

Expansion of Brent Run Landfill, Genesee County. WRD resource staff issued a permit (10-25-0090-P) under Part 301, 303 and 31 floodplain authority for the expansion of Brent Run Landfill. The new owner of the landfill needed a resource permit in order to relocate 4,000 linear feet of Brent Run Creek, place 50 acre-feet of fill in the associated floodplain, and create 26.5 acres of wetland mitigation to replace the forested wetland that would be eliminated. This permit was needed prior to OWMRP issuing the Part 115 permit. This permit was significant because the permit authorized the longest stream relocation/re-creation in the state where the applicant is required to recreate 4,019 foot long stream segment mirroring the same stream geomorphology it replaces. As part of the mitigation for the stream relocation the permit also required in-stream and floodplain habitat structures be constructed. This project required that WRD use its experts in stream geomorphology and wetland mitigation to review and comment on the consultant's designs. We also worked closely with the landfill staff in OWMRP. The excavation of material to create the new stream segment and associated floodplain will start in January 2014 and take approximately one year to complete. The stream re-creation and wetland mitigation portion will begin in 2015.

Brent Run Landfill

On September 18, 2013, Richfield Landfill, Inc. (Richfield) filed for Chapter 11 and subsequently Chapter 7. OWMRP has managed most landfill operations for the landfill, assuring that human health, safety, welfare, and the environment are protected.

Karegnondi Water Authority Moves Forward with Intake Project

The Karegnondi Water Authority (KWA), which includes Genesee, Lapeer, and Sanilac Counties, along with the City of Flint and City of Lapeer, is moving forward with the construction of a water intake in Lake Huron.

Mercury spill in Williamston

A quantity of mercury stored and forgotten about in a basement, where the teenage son got hold of it and showed it off at school and kept it in a sweatshirt or jacket pocket, undiscovered until he began having health problems. The local and state health departments, EPA, and DEQ all worked to investigate and remediate the release. There was a fair amount of media coverage as well, at the time.

RRD Refined Petroleum Funds

As part of a state wide effort to assess risks at the large backlog of leaking underground storage tanks sites, RRD conducted triage assessments at over 200 sites using Refined Petroleum Funds (RPF). Lansing District Office oversaw 22 of those sites. Efforts included identifying sites where we knew there was a petroleum release from a leaking underground storage tank, but the district file was lacking in much or any follow up information. We identified the current owners, contacted them to explain the purpose of the program, i.e. to help determine what environmental risk may or may not be remaining at their property and to determine appropriate follow up work. A statewide contract to conduct the investigations was then established, with firms assigned by district. Lansing District worked with two firms to create scopes of work and conduct geophysics, soil borings and take soil and groundwater samples. The field work was conducted over the summer and final results assembled by October. Through this process, Lansing District identified 3 sites where risks are present and immediate; we will be following up these results with state funded remedial work at 2 sites and enforcement action at 1. Thirteen sites had risks present but not immediate, and they will be considered for state funding or enforcement work along with other known sites and based on an established priority scheme. Finally, there were 6 sites identified that have no known risks and can be closed. This project helps us spend RPF funds wisely and has helped us engage with communities and current property owners to help them understand what risk is, how it may impact them and their property, and what DEQ/RRD does to assist them.

AQD

The AQD LOD conducted 100 air quality inspections in FY13. We issued 3 Renewable Operating Permits at major source of air pollution. We reviewed annual emission reports (MAERS) for 112 sources.

OEA's EAC started answering the Lansing District main phone line starting 10-1-13.

We moved offices twice.

We created a LDO specific customer service plan.

Merged district vehicle pool to DTMB motor pool.

Held a first annual LDO picnic. Well attended by staff and their families.

From: deq-assist
Sent: Wednesday, April 02, 2014 3:34 PM
To: Rosenthal, Adam (DEQ)
Subject: FW: Email Inquiry
Attachments: Email Inquiry

Adam,
I'm forwarding this email to you for response. If you determine it more appropriate to forward on to other staff please do so.

Thank you.

Tonya

Tonya Schelter, Department Analyst
Michigan Department of Environmental Quality
Office of Environmental Assistance
Environmental Assistance Center 1-800-662-9278
Office of Environmental Assistance
517-284-6873
Deq-assist@michigan.gov
scheltert@michigan.gov
517-284-7272 SARA Title III Program Phone
Deq-sara@michigan.gov

Thanks for contacting our Department of Environmental Quality, Office of Environmental Assistance. To help us improve our services, we encourage you to complete our short customer service survey
https://www.surveymonkey.com/s/oeacs

Message

From: BadAddress [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B8ED0086C2434ADB873212588EF3C1E1-BADADDRESS]
Sent: 4/2/2014 12:27:29 PM
To: deq-assist [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3cd03be060024b8f9b9f909f90e55a32-deq-assist]
Subject: Email Inquiry

CompanyName:
FirstName: Herbert
LastName: Lang
Email:
DayPhone:
AltPhone: [illegible]
Address: 706 Spellman Drive
City: Flint
State: MI
ZipCode: 45803
County: Genesee
YourMessage: Concern: The city of Flint is proposing using the Flint river as drinking water on Apirl 18, 2014. The water that we're using now has a distinct order to it, could you please check to make sure that the water we're drinking is safe and especially if they decide to use the Flint river as our water supply.

From: Maynard, David (DEQ)
Sent: Monday, May 05, 2014 9:36 AM
To: Antil, Jeffrey (DEQ);Bergstrom, Carolyn (DEQ);Klein, Jeremy (DEQ);O'Boyle, Wade (DEQ);Kaiser, Rebecca (DEQ);Rosenthal, Adam (DEQ)
Cc: Brewster, Simone (DEQ)
Subject: FW: DEQ-Laboratory Report-Antrim-2014-05-05
Attachments: ANTRIM-2014-05-05.PDF

There are several type 1 results mixed into this PDF.

Dave Maynard, Environmental Quality Analyst Michigan Department of Environmental Quality Office of Drinking Water and Municipal Assistance Cadillac District Office
120 West Chapin St.
Cadillac, MI 49601
Office: 231-876-4481
Cell: 231-598-0717
Fax: 231-775-4050

-----Original Message-----
From: DEQ-DWR-LABREPORTS
Sent: Monday, May 05, 2014 8:15 AM
To: Deyoung, David (DEQ); Anderson, Beth (DEQ); Maynard, David (DEQ); C.BIRDSALL@NWHEALTH.ORG
Subject: DEQ-Laboratory Report-Antrim-2014-05-05

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15684

Official Laboratory Report

Report To: DEYOUNG 452053

MI

System Name/Owner:			WSSN/Pool ID:		
Collection Address:	200 VAN KAL NORTH,KALAMAZOO		Source:	Single Family Dwelling	
Collected By:	MARK THOMAS		Site Code:	KLLF	
Township/Well#/Section:	OSHTEMO//18		Collector:	County Personnel	
County:	Kalamazoo		Date Collected:	04/21/2014	13:30
Sample Point:	OUTSIDE TAP		Date Received:	04/25/2014	08:39
Water System:	Untreated Private Well		Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
1,4 Dioxane by GC/MS						
1,4 Dioxane	Not Detected	04/27/2014	0.001		8260 SIM	123-91-1
This analysis is performed using selected ion monitoring (SIM). Due to the nature of 1,4-dioxane, results reported below 0.005 mg/L should be considered estimated.						
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15684

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3

CAS# : Chemical Abstract Service Registry Number
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mg/L : milligrams / Liter (ppm)
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15684

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6
Vinyl chloride	Not Detected	05/01/2014	0.0004	0.002	EPA 524.2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Kalamazoo County Human Services Dept.
3299 Gull Rd.
Nazareth, MI 49048
269 373-5200

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Sample Number
LF15685

Official Laboratory Report

Report To: DEYOUNG 452053

MI

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	732 CHADDS FORD WAY,KALAMAZOO	Source:	Single Family Dwelling	
Collected By:	MARK THOMAS	Site Code:	KILF	
Township/Well#/Section:	OSTEMO//18	Collector:	County Personnel	
County:	Kalamazoo	Date Collected:	04/21/2014	14:00
Sample Point:	OUTSIDE	Date Received:	04/25/2014	08:39
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
1,4 Dioxane by GC/MS						
1,4 Dioxane	Not Detected	04/27/2014	0.001		8260 SIM	123-91-1
This analysis is performed using selected ion monitoring (SIM). Due to the nature of 1,4-dioxane, results reported below 0.005 mg/L should be considered estimated.						
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7

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FAX: (517) 335-8562

Sample Number
LF15685

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3

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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15685

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6
Vinyl chloride	Not Detected	05/01/2014	0.0004	0.002	EPA 524.2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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Sample Number
LF15907

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	30071 CHERRY,NEW HUDSON	Source:	Single Family Dwelling
Collected By:	PLEVINSKI	Site Code:	SMILRD
Township/Well#/Section:	LYON//	Collector:	County Personnel
County:	Oakland	Date Collected:	04/28/2014 14:00
Sample Point:	SIDE OT	Date Received:	04/29/2014 09:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

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Sample Number
LF15907

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	0.0006	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15907

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

A trip blank was not available for analysis with this sample.

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

CAS# : Chemical Abstract Service Registry Number
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Sample Number
LF15908

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	57211 PONTIAC TRAIL,NEW HUDSON	Source:	Single Family Dwelling	
Collected By:	PLEVINSKI	Site Code:	SMILRD	
Township/Well#/Section:	LYON//	Collector:	County Personnel	
County:	Oakland	Date Collected:	04/28/2014	12:33
Sample Point:	FRONT OT	Date Received:	04/29/2014	09:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
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mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15908

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
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mg/L : milligrams / Liter (ppm)
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15908

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15909

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	57185 PONTIAC TRAIL,NEW HUDSON	Source:	Single Family Dwelling
Collected By:	PLEVINSKI	Site Code:	SMILRD
Township/Well#/Section:	LYON//	Collector:	County Personnel
County:	Oakland	Date Collected:	04/28/2014 12:25
Sample Point:	BACK OT	Date Received:	04/29/2014 09:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
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FAX: (517) 335-8562

Sample Number
LF15909

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
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Sample Number
LF15909

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15910

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	57165 CASH,NEW HUDSON	Source:	Single Family Dwelling
Collected By:	PLEVINSKI	Site Code:	SMILRD
Township/Well#/Section:	LYON//	Collector:	County Personnel
County:	Oakland	Date Collected:	04/28/2014 11:29
Sample Point:	FRONT OT	Date Received:	04/29/2014 09:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

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mg/L : milligrams / Liter (ppm)
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Sample Number
LF15910

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF15910

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Sample Number
LF15911

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	57100 CASH,NEW HUDSON	Source:	Single Family Dwelling
Collected By:	PLEVINSKI	Site Code:	SMILRD
Township/Well#/Section:	LYON//	Collector:	County Personnel
County:	Oakland	Date Collected:	04/28/2014 12:01
Sample Point:	BACK OT	Date Received:	04/29/2014 09:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15911

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

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Sample Number
LF15911

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Sample Number
LF15912

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	300 30 CHERRY,NEW HUDSON	Source:	Single Family Dwelling
Collected By:	PLEVINSKI	Site Code:	SMILRD
Township/Well#/Section:	LYON//	Collector:	County Personnel
County:	Oakland	Date Collected:	04/28/2014 14:10
Sample Point:	SIDE OT	Date Received:	04/29/2014 09:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15912

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15912

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
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Sample Number
LF15913

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	57060 BONNE TERRE,NEW HUDSON	Source:	Single Family Dwelling	
Collected By:	PLEVINSKI	Site Code:	SMILRD	
Township/Well#/Section:	LYON//	Collector:	County Personnel	
County:	Oakland	Date Collected:	04/28/2014	09:45
Sample Point:	FRONT OT	Date Received:	04/29/2014	09:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

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Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15913

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
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mg/L : milligrams / Liter (ppm)
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15913

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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FAX: (517) 335-8562

Sample Number
LF15914

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	57057 CASH,NEW HUDSON	Source:	Single Family Dwelling
Collected By:	PLEVINSKI	Site Code:	SMILRD
Township/Well#/Section:	LYON//	Collector:	County Personnel
County:	Oakland	Date Collected:	04/28/2014 10:02
Sample Point:	BACK OT	Date Received:	04/29/2014 09:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
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Sample Number
LF15914

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15914

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

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FAX: (517) 335-8562

Sample Number
LF15915

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	30061 CHERRY,NEW HUDSON	Source:	Single Family Dwelling
Collected By:	PLEVINSKI	Site Code:	SMILRD
Township/Well#/Section:	LYON//	Collector:	County Personnel
County:	Oakland	Date Collected:	04/28/2014 13:54
Sample Point:	FRONT OT	Date Received:	04/29/2014 09:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
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mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

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Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15915

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15915

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Sample Number
LF15916

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	57075 BONN TERRE,NEW HUDSON	Source:	Single Family Dwelling
Collected By:	PLEVINSKI	Site Code:	SMILRD
Township/Well#/Section:	LYON//	Collector:	County Personnel
County:	Oakland	Date Collected:	04/28/2014 09:34
Sample Point:	BACK OT	Date Received:	04/29/2014 09:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
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mg/L : milligrams / Liter (ppm)
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Sample Number
LF15916

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF15916

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Sample Number
LF15917

Official Laboratory Report

Report To: GRAHAM 453466

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	30005 CHERRY,NEW HUDSON	Source:	Single Family Dwelling
Collected By:	PLEVINSKI	Site Code:	SMILRD
Township/Well#/Section:	LYON//	Collector:	County Personnel
County:	Oakland	Date Collected:	04/28/2014 13:22
Sample Point:	FRONT OT	Date Received:	04/29/2014 09:46
Water System:	Untreated Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15917

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15917

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16153

Official Laboratory Report

Report To: JCHD

MI

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	7162 N PARMA RD,PARMA	Source:	Single Family Dwelling
Collected By:	JCB	Site Code:	
Township/Well#/Section:	//	Collector:	County Personnel
County:	Jackson	Date Collected:	04/29/2014 11:00
Sample Point:	KITCHEN	Date Received:	04/30/2014 14:22
Water System:	Untreated Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	7	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.11	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	288	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	5.1	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	25	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Jackson County Health Dept.
1697 Lansing Ave.
Jackson, MI 49202
517 788-4433

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16207

Official Laboratory Report

Report To:

System Name/Owner:	SCOTT HARRIS	WSSN/Pool ID:		
Collection Address:	12458 CR 665,BLOOMINGDALE	Source:	Single Family Dwelling	
Collected By:	LANCE	Site Code:		
Township/Well#/Section:	BLOOMINGDALE//20	Collector:	Other	
County:	Van Buren	Date Collected:	04/30/2014	14:15
Sample Point:	WELL	Date Received:	05/01/2014	08:48
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	12	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.17	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	242	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.8	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	9	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	16	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16208

Official Laboratory Report

Report To:

System Name/Owner:	TED HIMEBOOK	WSSN/Pool ID:	
Collection Address:	6901 HOLLY DR,WEST OLIVE	Source:	Single Family Dwelling
Collected By:	RUSS	Site Code:	
Township/Well#/Section:	PORT SHELDON//	Collector:	Private Citizen
County:	Ottawa	Date Collected:	04/30/2014 12:30
Sample Point:	WELL	Date Received:	05/01/2014 08:48
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	34	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	172	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	2.5	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	17	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	21	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ottawa County Health Dept.
12251 James St., Suite 200
Holland, MI 49424
616 393-5645

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16096

Official Laboratory Report

Report To: DRS DELANEY/PLUNKETT/RALSTROM
39400 GARFIELD SUITE 200
CLINTON TWP MI 48038-4096

System Name/Owner:	BRIAN D JONES	WSSN/Pool ID:		
Collection Address:	10076 MAJESTIC BLVD,CLARKSTON	Source:	Other	
Collected By:	CALEB JONES	Site Code:		
Township/Well#/Section:	INDEPENDANCE//	Collector:	Private Citizen	
County:	Oakland	Date Collected:	04/27/2014	15:00
Sample Point:	KITCHEN	Date Received:	04/30/2014	09:29
Water System:	Treated/Softened Private Well	Purpose:	Water Quality Problem	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	23	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	24	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16135

Official Laboratory Report

Report To: MACOMB COUNTY HEALTH DEPT
43525 ELIZABETH
MT CLEMENS MI 48043

System Name/Owner:	LOMBARDO HOMES	WSSN/Pool ID:	
Collection Address:	75388 ELKHORN,BRUCE TWP	Source:	Single Family Dwelling
Collected By:	DARREN MASER	Site Code:	
Township/Well#/Section:	BRUCE TWP//14	Collector:	County Personnel
County:	Macomb	Date Collected:	04/28/2014 09:45
Sample Point:	KITCHEN SINK	Date Received:	04/30/2014 10:24
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	57	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.15	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	387	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.3	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	13	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	80	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Macomb County Health Dept.
43525 Elizabeth
Mount Clemens, MI 48043
586 469-5236

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16169

Official Laboratory Report

Report To: KIMBALL TOWNSHIP
2160 WADHAMS RD
KIMBALL MI 48074

System Name/Owner:	KIMBALL TOWNSHIP	WSSN/Pool ID:	2009174	
Collection Address:	5120 HOWARD RD,KIMBALL	Source:	Other	
Collected By:	JASON HYDE	Site Code:		
Township/Well#/Section:	KIMBALL//11	Collector:	Other	
County:	St Clair	Date Collected:	04/30/2014	10:00
Sample Point:	BATH	Date Received:	05/01/2014	08:10
Water System:	Public System Well	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	336	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	1.6	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	107	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	195	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

St. Clair County Health Dept.
3415 28th St.
Port Huron, MI 48060
810 987-5306

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15956

Official Laboratory Report

Report To: WOLCOTT MILL MAINT
59255 RAY CENTER RD
RAY TWP MI 48096

System Name/Owner:	HCMA	WSSN/Pool ID:	
Collection Address:	21690 27 MILE RD- WOLCOTT GOLF,RAY	Source:	TYPE II
Collected By:	LEIF P WOLF	Site Code:	
Township/Well#/Section:	BRIGHTON//	Collector:	Public Water Supply Operator
County:	Macomb	Date Collected:	04/28/2014 10:20
Sample Point:	POST TREATMENT	Date Received:	04/29/2014 11:19
Water System:	Public System Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	0.005	04/30/2014	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Macomb County Health Dept.
43525 Elizabeth
Mount Clemens, MI 48043
586 469-5236

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15957

Official Laboratory Report

Report To: WOLCOTT MILL MAINT
59255 RAY CENTER RD
RAY TWP MI 48096

System Name/Owner:	HCMA	WSSN/Pool ID:	2014950
Collection Address:	21690 27 MI RD- WOLCOTT GOLF CO,RAY	Source:	TYPE II
Collected By:	LEIF P WOLF	Site Code:	
Township/Well#/Section:	BRIGHTON//	Collector:	Public Water Supply Operator
County:	Macomb	Date Collected:	04/28/2014 10:15
Sample Point:	PRE-TREATMENT	Date Received:	04/29/2014 11:20
Water System:	Public System Well	Purpose:	Routine Monitoring

Sample Comment **LF15957** **Sample was not tested for Arsenic. Sample was submitted in the incorrect sampling unit. Please resubmit in Unit 36ME.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
^^^ NOT TESTED^^^	Not Tested	04/29/2014				NOTST-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Macomb County Health Dept.
43525 Elizabeth
Mount Clemens, MI 48043
586 469-5236

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16133

Official Laboratory Report

Report To: SEPTIC INSPECTIONS BY VALERIE
59930 ROMEO PLANK
RAY TWP MI 48096

System Name/Owner:	VIOLA ALLEMON	WSSN/Pool ID:		
Collection Address:	59966 ROMEO PLANK,RAY TWP	Source:	Single Family Dwelling	
Collected By:	VALERIE	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Macomb	Date Collected:	04/29/2014	16:00
Sample Point:	KITCHEN SINK	Date Received:	04/30/2014	10:23
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**POSITIVE**	**04/30/2014**			**SM 9223 B**	**TC-00-B**
Coliform bacteria was detected. Consult your county or district health department for investigation of related risks.						
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	127	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.24	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	0.6	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	217	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	65	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Macomb County Health Dept.
43525 Elizabeth
Mount Clemens, MI 48043
586 469-5236

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16230

Official Laboratory Report

Report To: GEORGE RUDICH
20820 27 MILE RD
RAY MI 48096

System Name/Owner:	27 MILE RD 2013	WSSN/Pool ID:		
Collection Address:	20820 27 MILE RD,RAY	Source:	TYPE III	
Collected By:	TOM RUDICH	Site Code:	50-0018	
Township/Well#/Section:	RAY//34	Collector:	Private Citizen	
County:	Macomb	Date Collected:	04/30/2014	11:00
Sample Point:	KITCHEN	Date Received:	05/01/2014	09:16
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	131	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.90	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	228	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.7	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	84	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Macomb County Health Dept.
43525 Elizabeth
Mount Clemens, MI 48043
586 469-5236

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16117

Official Laboratory Report

Report To: CITY OF YALE
111 W MECHANIC
YALE MI 48097

System Name/Owner:		WSSN/Pool ID:	7230
Collection Address:	304 NORTH ST,YALE	Source:	TYPE I
Collected By:	GREG VORE	Site Code:	
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	St Clair	Date Collected:	04/29/2014 10:30
Sample Point:	KITCHEN	Date Received:	04/30/2014 10:18
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

St. Clair County Health Dept.
3415 28th St.
Port Huron, MI 48060
810 987-5306

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16118

Official Laboratory Report

Report To: CITY OF YALE
111 W MECHANIC
YALE MI 48097

System Name/Owner:		WSSN/Pool ID:	7230
Collection Address:	550 NORTH ST,YALE	Source:	TYPE I
Collected By:	GREG VORE	Site Code:	
Township/Well#/Section:	/4/	Collector:	Public Water Supply Operator
County:	St Clair	Date Collected:	04/29/2014 11:00
Sample Point:	SAMPLING TAP	Date Received:	04/30/2014 10:18
Water System:	Public System Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

St. Clair County Health Dept.
3415 28th St.
Port Huron, MI 48060
810 987-5306

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16119

Official Laboratory Report

Report To: CITY OF YALE
111 W MECHANIC
YALE MI 48097

System Name/Owner:		WSSN/Pool ID:	7230
Collection Address:	111 W MECHANIC,YALE	Source:	TYPE I
Collected By:	GREG VORE	Site Code:	
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	St Clair	Date Collected:	04/29/2014 11:20
Sample Point:	KITCHEN	Date Received:	04/30/2014 10:18
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

St. Clair County Health Dept.
3415 28th St.
Port Huron, MI 48060
810 987-5306

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16175

Official Laboratory Report

Report To: JEFF RENNER
797 SCIOMEADOWS DR
ANN ARBOR MI 48103

System Name/Owner:	JEFF RENNER	WSSN/Pool ID:		
Collection Address:	797 SCIOMEADOWS DR,ANN ARBOR	Source:	Single Family Dwelling	
Collected By:	JEFF RENNER	Site Code:		
Township/Well#/Section:	SCIO//22	Collector:	Private Citizen	
County:	Washtenaw	Date Collected:	04/30/2014	11:00
Sample Point:	KITCHEN TAP	Date Received:	05/01/2014	08:12
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	74	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.26	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	322	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.8	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	18	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	30	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Washtenaw Co Dept. of Planning & Environment
705 N. Zeeb Road
Ann Arbor, MI 48107-8645
734 222-3800

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15770

Official Laboratory Report

Report To: JOSEPH F GRIMA
47690 E ANCHOR CT
PLYMOUTH MI 48170

System Name/Owner:	CITY OF DETROIT	WSSN/Pool ID:		
Collection Address:	47690 E ANCHOR CT,PLYMOUTH	Source:	TYPE II	
Collected By:	JOSEPH F GRIMA	Site Code:		
Township/Well#/Section:	PLYMOUTH//	Collector:	Private Citizen	
County:	Wayne	Date Collected:	04/27/2014	21:00
Sample Point:	KITCHEN/CAFE	Date Received:	04/28/2014	14:47
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15770

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15770

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16202

Official Laboratory Report

Report To: PAUL J BECKER
50025 ANN ARBOR RD W
PLYMOUTH MI 48170

System Name/Owner:	PAUL J BECKER	WSSN/Pool ID:		
Collection Address:	50025 ANN ARBOR RD W,PLYMOUTH	Source:	Single Family Dwelling	
Collected By:	PAUL J BECKER	Site Code:		
Township/Well#/Section:	PLYMOUTH//	Collector:	Private Citizen	
County:	Wayne	Date Collected:	04/29/2014	18:40
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:47
Water System:	Treated/Softened Private Well	Purpose:	Repair/Construction/New Well	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	25	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.60	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	147	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	12	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16215

Official Laboratory Report

Report To: PAUL J BECKER
50025 ANN ARBOR RD
PLYMOUTH MI 48170

System Name/Owner:	PAUL J BECKER	WSSN/Pool ID:		
Collection Address:	50025 ANN ARBOR RD,PLYMOUTH	Source:	Single Family Dwelling	
Collected By:	PAUL J BECKER	Site Code:		
Township/Well#/Section:	PLYMOUTH//	Collector:	Private Citizen	
County:	Wayne	Date Collected:	04/29/2014	18:40
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:49
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	0.012	05/02/2014	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16134

Official Laboratory Report

Report To: SEPTIC INSPECTIONS BY VALERIE
59930 ROMEO PLANK
RAY TWP MI 48306

System Name/Owner:	CATHIE FERRARI	WSSN/Pool ID:		
Collection Address:	60957 PENNINGTON WAY,ROCHESTER	Source:	Single Family Dwelling	
Collected By:	VALERIE	Site Code:		
Township/Well#/Section:	WASHINGTON//	Collector:	Other	
County:	Macomb	Date Collected:	04/29/2014	12:26
Sample Point:	KITCHEN SINK	Date Received:	04/30/2014	10:23
Water System:	Treated/Softened Private Well	Purpose:	Real Estate Transaction	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Lead	Not detected	05/01/2014	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Macomb County Health Dept.
43525 Elizabeth
Mount Clemens, MI 48043
586 469-5236

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15904

Official Laboratory Report

Report To: DARRELL HOARD
44540 TRELLIS DR
STERLING HGHTS MI 48314-1235

System Name/Owner:	DARRELL HOARD	WSSN/Pool ID:		
Collection Address:	6664 KELLEY DR,MILLERSBURG	Source:	Single Family Dwelling	
Collected By:	DARRELL HOARD	Site Code:	PERMIT 11265	
Township/Well#/Section:	CASE/71000003424/24	Collector:	Private Citizen	
County:	Presque Isle	Date Collected:	04/26/2014	18:00
Sample Point:	OUTDOOR FAUCET	Date Received:	04/29/2014	09:43
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15904

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15904

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

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MCL : Maximum Contaminant Level
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MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16130

Official Laboratory Report

Report To: THE MICHIGAN HOME INSPECTOR
10385 RATTALEE LK RD
DAVISBURG MI 48350

System Name/Owner:	BRET & ANGELA SPEDERS	WSSN/Pool ID:		
Collection Address:	210 BOSTON AVE,LAKE ORION	Source:	Single Family Dwelling	
Collected By:	DEAN FARNER	Site Code:		
Township/Well#/Section:	ORION//	Collector:	Other	
County:	Oakland	Date Collected:	04/29/2014	16:30
Sample Point:	KITCHEN	Date Received:	04/30/2014	10:21
Water System:	Untreated Private Well	Purpose:	Real Estate Transaction	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	77	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	230	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	81	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	54	04/30/2014	10		SM 4500 SO4E	14808-79-8

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

CAS# : Chemical Abstract Service Registry Number
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16213

Official Laboratory Report

Report To: JEFF CHERNIAUSKY
4196 HOSNER RD
OXFORD MI 48370

System Name/Owner:	JEFF CHERNIAUSKY	WSSN/Pool ID:	
Collection Address:	4196 HOSNER RD,OXFORD	Source:	Single Family Dwelling
Collected By:	JEFF CHERNIAUSKY	Site Code:	
Township/Well#/Section:	ADDISON//	Collector:	Private Citizen
County:	Oakland	Date Collected:	04/30/2014 15:25
Sample Point:	BATHROOM SINK	Date Received:	05/01/2014 08:49
Water System:	Untreated Private Well	Purpose:	Real Estate Transaction

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	Not detected	05/02/2014	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16167

Official Laboratory Report

Report To: ATTICA PINES CAMPGROUND LLC
4142 BELLE RIVER RD
ATTICA MI 48412

System Name/Owner:	ATTICA PINES CAMPGROUND	WSSN/Pool ID:	2162744
Collection Address:	4142 BELLE RIVER RD,ATTICA	Source:	TYPE II
Collected By:	TOM	Site Code:	
Township/Well#/Section:	ATTICA//	Collector:	Public Water Supply Operator
County:	Lapeer	Date Collected:	04/30/2014 10:30
Sample Point:	BATHROOM	Date Received:	05/01/2014 08:10
Water System:	Untreated Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16176

Official Laboratory Report

Report To: KINGSLANDING CAMP
121 KINGSLANDING DR
COLUMBIAVILLE MI 48421

System Name/Owner:	KINGSLANDING CAMP	WSSN/Pool ID:	2018044	
Collection Address:	121 KINGSLANDING DR,COLUMBIAVILLE	Source:	TYPE II	
Collected By:	FRED MONREAL	Site Code:		
Township/Well#/Section:	DEERFIELD//20	Collector:	Private Citizen	
County:	Lapeer	Date Collected:	04/30/2014	12:00
Sample Point:	BATH HOUSE	Date Received:	05/01/2014	08:12
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16128

Official Laboratory Report

Report To: GERALD L HOWELL JR
4345 E STANLEY RD
GENESEE MI 48437

System Name/Owner:	GERALD L HOWELL JR	WSSN/Pool ID:		
Collection Address:	3423 RIVERVIEW DR,HERSEY	Source:	Single Family Dwelling	
Collected By:	GERALD L HOWELL JR	Site Code:		
Township/Well#/Section:	HERSEY TWP//	Collector:	Private Citizen	
County:	Osceola	Date Collected:	04/29/2014	
Sample Point:	KITCHEN	Date Received:	04/30/2014	10:20
Water System:	Untreated Private Well	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Sample was more than 30 hours old when analyzed. Coliform result is possibly invalid for testing done more than 30 hours after sample collection.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept.
115 North Sears Street
Reed City, MI 49677
231 832-5532

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16100

Official Laboratory Report

Report To: CRAIG WILLIAMS
3443 BALD EAGLE LK RD
HOLLY MI 48442

System Name/Owner:	EVELYN BRONDAGE	WSSN/Pool ID:		
Collection Address:	3443 BALD EAGLE LK RD,HOLLY	Source:	Single Family Dwelling	
Collected By:	CRAIG WILLIAMS	Site Code:		
Township/Well#/Section:	GROVELAND/1/	Collector:	Private Citizen	
County:	Oakland	Date Collected:	04/29/2014	09:30
Sample Point:	KITCHEN	Date Received:	04/30/2014	09:35
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	Not detected	05/01/2014	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16138

Official Laboratory Report

Report To: MEGAN GALBREATH
1682 BOWERS RD
LAPEER MI 48446

System Name/Owner:	MEGAN GALBREATH	WSSN/Pool ID:	
Collection Address:	1682 BOWERS RD,LAPEER	Source:	Single Family Dwelling
Collected By:	MEGAN GALBREATH	Site Code:	
Township/Well#/Section:	LAPEER//	Collector:	Private Citizen
County:	Lapeer	Date Collected:	04/29/2014 12:22
Sample Point:	KITCHEN	Date Received:	04/30/2014 10:24
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	9	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.61	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	142	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	27	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16174

Official Laboratory Report

Report To: DEB GENO
1709 BOWERS RD
LAPEER MI 48446

System Name/Owner:	DEB GENO	WSSN/Pool ID:	
Collection Address:	1709 BOWERS RD,LAPEER	Source:	Single Family Dwelling
Collected By:	DEB GENO	Site Code:	
Township/Well#/Section:	MAYFIELD//	Collector:	Other
County:	Lapeer	Date Collected:	04/29/2014 07:00
Sample Point:	KITCHEN	Date Received:	05/01/2014 08:12
Water System:	Untreated Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Chloride	47	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.51	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	304	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.7	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	30	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	23	05/01/2014	10		SM 4500 SO4E	14808-79-8

Sample was more than 30 hours old when analyzed. Coliform result is possibly invalid for testing done more than 30 hours after sample collection.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16209

Official Laboratory Report

Report To: BETH ESCHENBURG
1559 IMLAY CITY RD
LAPEER MI 48446

System Name/Owner:	HDC EARLY HEAD START	WSSN/Pool ID:	2166444	
Collection Address:	1559 IMLAY CITY RD,LAPEER	Source:	TYPE II	
Collected By:	BETH ESCHENBURG	Site Code:		
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	04/30/2014	13:30
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:48
Water System:	Other	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	39	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.87	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	147	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	24	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16101

Official Laboratory Report

Report To: WALTER ESSER
200 N SASHABAW
ORTONVILLE MI 48462

System Name/Owner:	WALTER ESSER	WSSN/Pool ID:		
Collection Address:	200 N SASHABAW,ORTONVILLE	Source:	Single Family Dwelling	
Collected By:	WALTER ESSER	Site Code:		
Township/Well#/Section:	BRANDON//	Collector:	Private Citizen	
County:	Oakland	Date Collected:	04/29/2014	12:30
Sample Point:	KITCHEN	Date Received:	04/30/2014	09:35
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	0.006	05/01/2014	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16214

Official Laboratory Report

Report To: FREDERICK H TOWNSEND
3851 GRANGER RD
ORTONVILLE MI 48462

System Name/Owner:	FREDERICK H TOWNSEND	WSSN/Pool ID:		
Collection Address:	3851 GRANGER RD,ORTONVILLE	Source:	Single Family Dwelling	
Collected By:	FRED TOWNSEND	Site Code:		
Township/Well#/Section:	BRANDON//15	Collector:	Private Citizen	
County:	Oakland	Date Collected:	04/30/2014	08:35
Sample Point:	WELL PUMP TAP	Date Received:	05/01/2014	08:49
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	0.040	05/02/2014	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16093

Official Laboratory Report

Report To: CINDY PRIEMER
4522 RUTH RD
RUTH MI 48470

System Name/Owner:	CINDY PRIEMER	WSSN/Pool ID:	2001732	
Collection Address:	4522 RUTH RD,RUTH	Source:	TYPE II	
Collected By:	CINDY PRIEMER	Site Code:		
Township/Well#/Section:	SHERMAN//	Collector:	Private Citizen	
County:	Huron	Date Collected:	04/29/2014	09:00
Sample Point:	KITCHEN	Date Received:	04/30/2014	09:29
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	4138	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.50	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	193	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.2	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	2208	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	419	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Huron County Health Dept.
1142 S. Van Dyke
Bad Axe, MI 48413
989 269-9721

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16212

Official Laboratory Report

Report To: ATHERTON SCHOOLS
3354 S GENESEE RD
BURTON MI 48519

System Name/Owner:	ATHERTON SCHOOLS	WSSN/Pool ID:	2052425
Collection Address:	3444 S GENESEE RD,FLINT	Source:	TYPE II
Collected By:	MARK SCOTT 12405	Site Code:	2052425
Township/Well#/Section:	BURTON//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	04/30/2014 12:15
Sample Point:	MAINTENANCE AREA	Date Received:	05/01/2014 08:49
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	0.015	05/02/2014	0.002	0.010	EPA 200.8	7440-38-2

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16136

Official Laboratory Report

Report To: ERNIE SIMON
10489 N SHEPHERD
CLARE MI 48617

System Name/Owner:	ERNIE SIMON	WSSN/Pool ID:	
Collection Address:	10489 N SHEPHERD,CLARE	Source:	Single Family Dwelling
Collected By:	NELSON	Site Code:	
Township/Well#/Section:	WISE//	Collector:	County Personnel
County:	Isabella	Date Collected:	04/29/2014 09:00
Sample Point:	KITCHEN	Date Received:	04/30/2014 10:24
Water System:	Untreated Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	306	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.67	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	310	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.1	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	156	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	134	04/30/2014	10		SM 4500 SO4E	14808-79-8

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept.
2012 East Preston
Mount Pleasant, MI 48858
989 773-5921

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16171

Official Laboratory Report

Report To: STUART LUSK
6589 N MAGRUDER RD
COLEMAN MI 48618

System Name/Owner:	STUART LUSK	WSSN/Pool ID:		
Collection Address:	6589 N MAGRUDER RD,COLEMAN	Source:	Single Family Dwelling	
Collected By:	STUART LUSK	Site Code:		
Township/Well#/Section:	WARREN//	Collector:	Private Citizen	
County:	Midland	Date Collected:	04/30/2014	15:03
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:12
Water System:	Treated/Softened Private Well	Purpose:	Real Estate Transaction	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.24	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.1	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	68	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Midland County Health Dept.
220 West Ellsworth
Midland, MI 48640-5194
989 832-6679

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16137

Official Laboratory Report

Report To: LIGHTHOUSE COVE
PO BOX 877
FARWELL MI 48622

System Name/Owner:	LIGHTHOUSE COVE	WSSN/Pool ID:		
Collection Address:	9320 WHITE CEDAR 1,LAKE	Source:	TYPE III	
Collected By:	NELSON	Site Code:		
Township/Well#/Section:	GILMORE//	Collector:	County Personnel	
County:	Isabella	Date Collected:	04/29/2014	08:30
Sample Point:	OUTSIDE TAP	Date Received:	04/30/2014	10:24
Water System:	Untreated Public Distribution System	Purpose:	Repair/Construction/New Well	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	15	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.23	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	136	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	11	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	11	04/30/2014	10		SM 4500 SO4E	14808-79-8

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept.
2012 East Preston
Mount Pleasant, MI 48858
989 773-5921

CAS# : Chemical Abstract Service Registry Number
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16139

Official Laboratory Report

Report To: CMDHD
103 N BOWERY
GLADWIN MI 48624

System Name/Owner:	MARTIN LOOKER	WSSN/Pool ID:	
Collection Address:	1560 DUNDAS ROAD,GLADWIN	Source:	Single Family Dwelling
Collected By:	RYAN PACKER	Site Code:	
Township/Well#/Section:	BUCKEYE//	Collector:	County Personnel
County:	Gladwin	Date Collected:	04/29/2014 09:00
Sample Point:		Date Received:	04/30/2014 10:25
Water System:	Untreated Private Well	Purpose:	Routine Monitoring

Sample Comment **LF16139** **Sample was not tested for volatile organic compounds (test code CXVO or CXTM) due to improper sampling technique. Please resample without an air bubble in sample vial.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
^^^ NOT TESTED^^^	Not Tested	04/30/2014				NOTST-00-C

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept.
103 North Bowery
Gladwin, MI 48624
989 426-9431

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16083

Official Laboratory Report

Report To: CAMP DEER TRAILS
6651 N EBERHART RD
HARRISON MI 48625

System Name/Owner:	GIRL SCOUTS HEART OF MI	WSSN/Pool ID:	2008018	
Collection Address:	6651 EBERHART RD - CAMP DEER TR,HA	Source:	TYPE II	
Collected By:	WADE ODELL	Site Code:		
Township/Well#/Section:	FROST//	Collector:	Other	
County:	Clare	Date Collected:	04/29/2014	09:15
Sample Point:	BATH HOUSE	Date Received:	04/30/2014	09:28
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	4	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	234	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	12	04/30/2014	10		SM 4500 SO4E	14808-79-8

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept.
225 West Main Street
Harrison, MI 48625
989 539-6731

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16084

Official Laboratory Report

Report To: CAMP DEER TRAILS
6651 N EBERHART RD
HARRISON MI 48625

System Name/Owner:	GIRL SCOUTS HEART OF MI	WSSN/Pool ID:	2008818	
Collection Address:	CAMP DEER TRAILS,HARRISON	Source:	TYPE II	
Collected By:	WADE E ODELL	Site Code:		
Township/Well#/Section:	FROST//	Collector:	Other	
County:	Clare	Date Collected:	04/29/2014	09:00
Sample Point:	BATH HOUSE	Date Received:	04/30/2014	09:28
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	4	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	229	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	12	04/30/2014	10		SM 4500 SO4E	14808-79-8

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept.
225 West Main Street
Harrison, MI 48625
989 539-6731

CAS# : Chemical Abstract Service Registry Number
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16095

Official Laboratory Report

Report To: CMDHD
BOX 237
COURTHOUSE
HARRISON MI 48625

System Name/Owner:	TRACIE BAKER	WSSN/Pool ID:		
Collection Address:	8201 LAKE SHORE DR,CLARE	Source:	Single Family Dwelling	
Collected By:	JASON TRAVIS RS	Site Code:		
Township/Well#/Section:	GRANT//	Collector:	Other	
County:	Clare	Date Collected:	04/29/2014	15:45
Sample Point:	KITCHEN SINK	Date Received:	04/30/2014	09:29
Water System:	Untreated Private Well	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	Not detected	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.21	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	222	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.3	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	5	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	10	04/30/2014	10		SM 4500 SO4E	14808-79-8

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Central Michigan District Health Dept.
225 West Main Street
Harrison, MI 48625
989 539-6731

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MPN : Most Probable Number
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Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16204

Official Laboratory Report

Report To: ANDY KOBISA
1160 E CURTIS RD
HOPE MI 48628

System Name/Owner:	HOPE TWP PARK	WSSN/Pool ID:	2004656	
Collection Address:	6066 N MIDDLE RD,HOPE	Source:	TYPE II	
Collected By:	ANDY KOBISA	Site Code:		
Township/Well#/Section:	HOPE/001/	Collector:	Other	
County:	Midland	Date Collected:	04/29/2014	12:45
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:48
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	40	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.68	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	731	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	1.8	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	170	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	803	05/01/2014	10		SM 4500 SO4E	14808-79-8

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Midland County Health Dept.
220 West Ellsworth
Midland, MI 48640-5194
989 832-6679

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16206

Official Laboratory Report

Report To: ANDY KOBISA
1160 E CURTIS RD
HOPE MI 48628

System Name/Owner:	HOPE TWP PARK	WSSN/Pool ID:	2004656	
Collection Address:	6066 N MIDDLE RD,HOPE	Source:	TYPE II	
Collected By:	ANDY KOBISA	Site Code:		
Township/Well#/Section:	HOPE/001/	Collector:	Other	
County:	Midland	Date Collected:	04/29/2014	12:50
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:48
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

Sample Comment **LF16206** **Sample was received in a bacteriological sampling unit with a chemical request. Please request correct sampling unit from your local health department or contact the MDEQ Drinking Water Unit at (517)-335-8184.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
^^^ NOT TESTED^^^	Not Tested	05/01/2014				NOTST-00-C

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Midland County Health Dept.
220 West Ellsworth
Midland, MI 48640-5194
989 832-6679

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16090

Official Laboratory Report

Report To: GARY L GLOVER
8350 E HOUGHTON LAKE DR
HOUGHTON LAKE MI 48629

System Name/Owner:	GARY L GLOVER	WSSN/Pool ID:		
Collection Address:	8350 E HOUGHTON LAKE DR,HOUGHTON	Source:	Single Family Dwelling	
Collected By:	GARY L GLOVER	Site Code:		
Township/Well#/Section:	MARKEY//	Collector:	Private Citizen	
County:	Roscommon	Date Collected:	04/29/2014	09:00
Sample Point:	KITCHEN	Date Received:	04/30/2014	09:29
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	Not detected	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	183	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	1.2	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Central Michigan District Health Dept.
1015 Short Drive, M-18
Prudenville, MI 48651
989 366-9166

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16161

Official Laboratory Report

Report To: MIO AUSABLE SCHOOLS
1110 W 8TH ST
MIO MI 48647

System Name/Owner:	MIO AUSABLE SCHOOL FOOTBALL CO	WSSN/Pool ID:	2000468	
Collection Address:	1110 W 8TH ST,MIO	Source:	TYPE II	
Collected By:	DARYL JOHNSON	Site Code:		
Township/Well#/Section:	BIG CREEK/003/12	Collector:	Other	
County:	Oscoda	Date Collected:	04/30/2014	12:30
Sample Point:	SAMPLE TAP	Date Received:	05/01/2014	08:10
Water System:	Public System Well	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
393 South Mt. Tom Road
Mio, MI 48647-9368
989 826-3970

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16162

Official Laboratory Report

Report To: MIO AUSABLE SCHOOLS
1110 W 8TH ST
MIO MI 48647

System Name/Owner:	MIO AUSABLE SCHOOL BUS COMPOUN	WSSN/Pool ID:	2000468	
Collection Address:	1110 W 8TH ST,MIO	Source:	TYPE II	
Collected By:	DARYL JOHNSON	Site Code:		
Township/Well#/Section:	BIG CREEK/004/12	Collector:	Other	
County:	Oscoda	Date Collected:	04/30/2014	12:45
Sample Point:	SAMPLE TAP	Date Received:	05/01/2014	08:10
Water System:	Public System Well	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
393 South Mt. Tom Road
Mio, MI 48647-9368
989 826-3970

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16126

Official Laboratory Report

Report To: FLATS CONDO ASSOC
978 TIMBERLYNN TRAIL
LOT 160
SANFORD MI 48657

System Name/Owner:	FLATS CONDO ASSOC	WSSN/Pool ID:		
Collection Address:	978 TIMBERLYNN TRAIL,SANFORD	Source:	TYPE I	
Collected By:	HOWARD BOWEN	Site Code:		
Township/Well#/Section:	EDENVILLE//	Collector:	Private Citizen	
County:	Midland	Date Collected:	04/29/2014	09:00
Sample Point:	LOT 139	Date Received:	04/30/2014	10:19
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Midland County Health Dept.
220 West Ellsworth
Midland, MI 48640-5194
989 832-6679

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16172

Official Laboratory Report

Report To: BRENT FITZPATRICK
786 W SAND BEACH
SANFORD MI 48657

System Name/Owner:	BRENT FITZPATRICK	WSSN/Pool ID:		
Collection Address:	786 W SAND BEACH,SANFORD	Source:	Single Family Dwelling	
Collected By:	BRENT FITZPATRICK	Site Code:		
Township/Well#/Section:	EDENVILLE//	Collector:	Private Citizen	
County:	Midland	Date Collected:	04/30/2014	13:30
Sample Point:	KITCHEN SINK	Date Received:	05/01/2014	08:12
Water System:	Treated/Softened Private Well	Purpose:	Real Estate Transaction	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**EC POSITIVE**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
E. coli bacteria was detected. Consult your county or district health department for investigation of related risks.						
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	75	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.75	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	289	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	450	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Midland County Health Dept.
220 West Ellsworth
Midland, MI 48640-5194
989 832-6679

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16120

Official Laboratory Report

Report To: QUALITY INN HOTEL
2980 COOK RD
PO BOX 369
WEST BRANCH MI 48661

System Name/Owner:	FORWARD CORP	WSSN/Pool ID:	6527501
Collection Address:	2980 COOK RD,WEST BRANCH	Source:	Swimming Pool or Spa
Collected By:	CHUCK	Site Code:	P
Township/Well#/Section:	WEST BRANCH//	Collector:	Other
County:	Ogemaw	Date Collected:	04/29/2014 08:00
Sample Point:	POOL	Date Received:	04/30/2014 10:18
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
630 Progress Street
West Branch, MI 48661
989 345-5020

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16121

Official Laboratory Report

Report To: QUALITY INN HOTEL
2980 COOK RD
PO BOX 369
WEST BRANCH MI 48661

System Name/Owner:	FORWARD CORP	WSSN/Pool ID:	6527502
Collection Address:	2980 COOK RD,WEST BRANCH	Source:	Swimming Pool or Spa
Collected By:	CHUCK	Site Code:	5
Township/Well#/Section:	WEST BRANCH//	Collector:	Other
County:	Ogemaw	Date Collected:	04/29/2014 08:00
Sample Point:	SPA	Date Received:	04/30/2014 10:18
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
630 Progress Street
West Branch, MI 48661
989 345-5020

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16122

Official Laboratory Report

Report To: SUPER 8 HOTEL
2596 AUSTINS WAY
PO BOX 338
WEST BRANCH MI 48661

System Name/Owner:	FORWARD CORP	WSSN/Pool ID:	657000	
Collection Address:	2596 AUSTINS WAY,WEST BRANCH	Source:	Swimming Pool or Spa	
Collected By:	LES HOXIE	Site Code:	66843	
Township/Well#/Section:	WEST BRANCH//	Collector:	Other	
County:	Ogemaw	Date Collected:	04/29/2014	10:00
Sample Point:	SPA	Date Received:	04/30/2014	10:18
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
630 Progress Street
West Branch, MI 48661
989 345-5020

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16123

Official Laboratory Report

Report To: SUPER 8 HOTEL
2596 AUSTINS WAY
PO BOX 338
WEST BRANCH MI 48661

System Name/Owner:	FORWARD CORP	WSSN/Pool ID:	657000	
Collection Address:	2596 AUSTINS WAY,WEST BRANCH	Source:	Swimming Pool or Spa	
Collected By:	LES HOXIE	Site Code:	66842	
Township/Well#/Section:	WEST BRANCH//	Collector:	Other	
County:	Ogemaw	Date Collected:	04/29/2014	10:00
Sample Point:	POOL	Date Received:	04/30/2014	10:18
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
630 Progress Street
West Branch, MI 48661
989 345-5020

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16094

Official Laboratory Report

Report To: SEBEWAING LIGHT & WATER
110 W MAIN ST
SEBEWAING MI 48759

System Name/Owner:		WSSN/Pool ID:	5990
Collection Address:	668 S UNIONVILLE RD,SEBEWAING	Source:	Other
Collected By:	SIGNATURE BANK	Site Code:	
Township/Well#/Section:	SEBEWAING//	Collector:	Public Water Supply Operator
County:	Huron	Date Collected:	04/29/2014 10:25
Sample Point:	KITCHEN SINK	Date Received:	04/30/2014 09:29
Water System:	Treated Public Distribution System	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	332	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.77	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	291	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.1	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	201	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	81	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Huron County Health Dept.
1142 S. Van Dyke
Bad Axe, MI 48413
989 269-9721

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16210

Official Laboratory Report

Report To: CARL SMITH
780 W LAKE ST
SPRUCE MI 48762

System Name/Owner:	SOUTH SHORE FIRE DEPT	WSSN/Pool ID:		
Collection Address:	367 OLD MT MARIA RD,SPRUCE	Source:	TYPE III	
Collected By:	CARL SMITH	Site Code:		
Township/Well#/Section:	HAWES//12	Collector:	Private Citizen	
County:	Alcona	Date Collected:	04/30/2014	10:00
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:48
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	6	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.14	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	260	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	0.4	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	12	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
311 Lake Street
Harrisville, MI 48740
989 724-6757

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16129

Official Laboratory Report

Report To: SHARON CZAIKA
838 LEGGETT RD
TAWAS CITY MI 48763

System Name/Owner:	SHARON CZAIKA	WSSN/Pool ID:		
Collection Address:	838 LEGGETT RD,TAWAS CITY	Source:	Single Family Dwelling	
Collected By:	SHARON CZAIKA	Site Code:		
Township/Well#/Section:	ALABASTER//11	Collector:	Private Citizen	
County:	Iosco	Date Collected:	04/29/2014	14:15
Sample Point:	LAUNDRY ROOM	Date Received:	04/30/2014	10:21
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	305	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.69	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	312	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	236	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
420 West Lake St.
Tawas City, MI 48764
989 362-6183

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16168

Official Laboratory Report

Report To: LARRY ROSE
1292 S US 23
TAWAS CITY MI 48763

System Name/Owner:	ROSE ICE COMPANY	WSSN/Pool ID:		
Collection Address:	1292 S US 23,TAWAS CITY	Source:	TYPE III	
Collected By:	FRANK CHRIVIA	Site Code:		
Township/Well#/Section:	TAWAS/001/2	Collector:	Other	
County:	Iosco	Date Collected:	04/30/2014	14:00
Sample Point:	SAMPLE TAP	Date Received:	05/01/2014	08:10
Water System:	Public System Well	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
420 West Lake St.
Tawas City, MI 48764
989 362-6183

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16228

Official Laboratory Report

Report To: WILLOW SPRINGS GOLF & C C
7335 OAK RD
VASSAR MI 48768

System Name/Owner:	WILLOW SPRINGS GOLF & C C	WSSN/Pool ID:	2077779	
Collection Address:	7335 OAK RD,VASSAR	Source:	TYPE II	
Collected By:	LARRY WARNER	Site Code:		
Township/Well#/Section:	VASSAR//	Collector:	Other	
County:	Tuscola	Date Collected:	04/30/2014	08:30
Sample Point:	KITCHEN	Date Received:	05/01/2014	09:13
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	83	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.89	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	176	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	43	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Tuscola County Health Dept.
1309 Cleaver Rd
Caro, MI 48723
989 673-8114

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16157

Official Laboratory Report

Report To: KIRSTIN CASTLE-OSMER
15282 HAWKS RIDGE DR M-7
BATH MI 48808

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	15060 CHATWYN DR,LANSING	Source:	Single Family Dwelling
Collected By:		Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Clinton	Date Collected:	04/29/2014 16:00
Sample Point:	PRESSURE TANK	Date Received:	04/30/2014 14:49
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.53	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	237	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.6	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	11	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
1307 E Townsend
St. Johns, MI 48879
989 224-2195

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16144

Official Laboratory Report

Report To: BROADWAY ACRES
2502 DOUBLE BOGEY DR
CHARLOTTE MI 48813

System Name/Owner:	GREG SPARKS	WSSN/Pool ID:		
Collection Address:	KITCHEN SINK,CHARLOTTE	Source:	Other	
Collected By:	KELSEY SPARKS	Site Code:		
Township/Well#/Section:	CARMEL//	Collector:	Other	
County:	Eaton	Date Collected:	04/30/2014	10:00
Sample Point:	2510 DOUBLE BOGEY DR	Date Received:	04/30/2014	12:33
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.24	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	360	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.4	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	12	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
1033 Health Care Drive
Charlotte, MI 48813
517 541-2615

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16163

Official Laboratory Report

Report To: SOUTH SHORE CAMPGROUND LLC
2850 S SHORE DR
CRYSTAL MI 48818

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	2850 S SHORE DR,CRYSTAL	Source:	TYPE II	
Collected By:	STEVE CARTER	Site Code:		
Township/Well#/Section:	CRYSTAL/1/	Collector:	Other	
County:	Montcalm	Date Collected:	04/30/2014	15:00
Sample Point:	BATH HOUSE	Date Received:	05/01/2014	08:10
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16164

Official Laboratory Report

Report To: SOUTH SHORE CAMPGROUND LLC
2850 S SHORE DR
CRYSTAL MI 48818

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	2850 S SHORE DR,CRYSTAL	Source:	TYPE II	
Collected By:	STEVE CARTER	Site Code:		
Township/Well#/Section:	CRYSTAL/2/	Collector:	Other	
County:	Montcalm	Date Collected:	04/30/2014	15:00
Sample Point:	WELL HOUSE	Date Received:	05/01/2014	08:10
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16218

Official Laboratory Report

Report To: VALLEY MOTOCROSS/AMY MORELAND
5781 E COLBY RD
CRYSTAL MI 48818

System Name/Owner:	AMY MORELAND/VALLEY MOTOCROSS	WSSN/Pool ID:		
Collection Address:	906 S VICKERYVILLE RD,STANTON	Source:	TYPE III	
Collected By:	AMY MORELAND	Site Code:		
Township/Well#/Section:	EVERGREEN//	Collector:	Private Citizen	
County:	Montcalm	Date Collected:	04/30/2014	12:00
Sample Point:	KITCHEN	Date Received:	05/01/2014	09:00
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	18	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	267	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	1.4	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	7	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	13	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16231

Official Laboratory Report

Report To: FAMILY CAMPGROUND
2851 EDGAR RD
EDMORE MI 48829

System Name/Owner:	CAROLE NEVILS	WSSN/Pool ID:	2038259	
Collection Address:	2851 EDGAR RD,EDMORE	Source:	TYPE III	
Collected By:	CAROLE NEVILLS	Site Code:		
Township/Well#/Section:	HOME/1/	Collector:	Private Citizen	
County:	Montcalm	Date Collected:	04/30/2014	11:00
Sample Point:		Date Received:	05/01/2014	09:16
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	523	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.22	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	229	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	3.2	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	297	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	16	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16216

Official Laboratory Report

Report To: EATON COUNTY PARKS
133 FITZGERALD PARK DR
GRAND LEDGE MI 48837

System Name/Owner:	FOX PARK	WSSN/Pool ID:	2022223	
Collection Address:	3981 GRESHAM HWY,POTTERVILLE	Source:	TYPE II	
Collected By:	JACKIE BLANC	Site Code:		
Township/Well#/Section:	BENTON/20222-23/15	Collector:	County Personnel	
County:	Eaton	Date Collected:	05/01/2014	07:45
Sample Point:	SPIGOT	Date Received:	05/01/2014	09:00
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	5	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.26	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	317	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.3	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	5	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	29	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
1033 Health Care Drive
Charlotte, MI 48813
517 541-2615

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16146

Official Laboratory Report

Report To: JOHN GRECK
4399 SUNDANCE CIRCLE
HOWELL MI 48843

System Name/Owner:	JOHN GRECK	WSSN/Pool ID:		
Collection Address:	4399 SUNDANCE CIRCLE,HOWELL	Source:	Single Family Dwelling	
Collected By:		Site Code:		
Township/Well#/Section:	MARION//	Collector:	Private Citizen	
County:	Livingston	Date Collected:	04/30/2014	11:00
Sample Point:	KITCHEN	Date Received:	04/30/2014	12:33
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Arsenic	0.009	05/01/2014	0.002	0.010	EPA 200.8	7440-38-2
Chloride	Not detected	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.17	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	299	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	1.5	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Lead	Not detected	05/01/2014	0.001	0.015	EPA 200.8	7439-92-1
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	27	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Livingston County Health Dept.
2300 E Grand River
Howell, MI 48843-7579
517 546-9858

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16142

Official Laboratory Report

Report To: JUST IN TIME CAMPGROUND
8421 E PIERCE RD
ITHACA MI 48847

System Name/Owner:	FITZPATRICK CAMPGROUNDS LLC	WSSN/Pool ID:		
Collection Address:	8421 E PIERCE RD,ITHACA	Source:	TYPE II	
Collected By:	RYAN FITZPATRICK	Site Code:		
Township/Well#/Section:	HAMILTON//	Collector:	Other	
County:	Gratiot	Date Collected:	04/26/2014	16:50
Sample Point:		Date Received:	04/30/2014	12:32
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Sample was more than 30 hours old when analyzed. Results will be evaluated by regulating agency.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
151 Commerce
Ithaca, MI 48847
989 875-3681

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16143

Official Laboratory Report

Report To: JUST IN TIME CAMPGROUNDS
8421 E PIERCE RD
ITHACA MI 48847

System Name/Owner:	FITZPATRICK CAMPGROUNDS LLC	WSSN/Pool ID:		
Collection Address:	8421 E PIERCE RD,ITHACA	Source:	TYPE II	
Collected By:	RYAN FITZPATRICK	Site Code:		
Township/Well#/Section:	HAMILTON//	Collector:	Private Citizen	
County:	Gratiot	Date Collected:	04/27/2014	19:00
Sample Point:		Date Received:	04/30/2014	12:32
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Sample was more than 30 hours old when analyzed. Results will be evaluated by regulating agency.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
151 Commerce
Ithaca, MI 48847
989 875-3681

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16190

Official Laboratory Report

Report To: NEWARK MEN CHURCH
3446 ALGER RD
ITHACA MI 48847

System Name/Owner:	NEWARK MEN CHURCH	WSSN/Pool ID:	
Collection Address:	3446 ALGER RD,ITHACA	Source:	Other
Collected By:	BRYAN	Site Code:	
Township/Well#/Section:	//	Collector:	County Personnel
County:	Gratiot	Date Collected:	04/30/2014 13:45
Sample Point:	SAMPLE TAP	Date Received:	05/01/2014 08:15
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.70	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	191	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.6	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	17	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
151 Commerce
Ithaca, MI 48847
989 875-3681

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16165

Official Laboratory Report

Report To: LAKEVIEW CAMPGROUND
5300 CUTLER RD
LAKEVIEW MI 48850

System Name/Owner:		WSSN/Pool ID:	2005059	
Collection Address:	5300 CUTLER RD,LAKEVIEW	Source:	TYPE II	
Collected By:	MAINTENANCE	Site Code:		
Township/Well#/Section:	BELVIDERE/2/	Collector:	Other	
County:	Montcalm	Date Collected:	04/30/2014	13:15
Sample Point:	CAMPSITE FAUCET	Date Received:	05/01/2014	08:10
Water System:	Other	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16166

Official Laboratory Report

Report To: LAKEVIEW CAMPGROUND
5300 CUTLER RD
LAKEVIEW MI 48850

System Name/Owner:		WSSN/Pool ID:	2005059	
Collection Address:	5300 CUTLER RD,LAKEVIEW	Source:	TYPE II	
Collected By:		Site Code:		
Township/Well#/Section:	BELVIDERE/1/	Collector:	Other	
County:	Montcalm	Date Collected:	04/30/2014	13:05
Sample Point:	CAMPSITE FAUCET	Date Received:	05/01/2014	08:10
Water System:	Other	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16219

Official Laboratory Report

Report To: LAKEVIEW CAMPGROUND
5300 CUTLER RD
LAKEVIEW MI 48850

System Name/Owner:		WSSN/Pool ID:	2005059	
Collection Address:	5300 CUTLER RD,LAKEVIEW	Source:	TYPE II	
Collected By:	MAINTENANCE	Site Code:		
Township/Well#/Section:	BELVIDERE/1/	Collector:	Other	
County:	Montcalm	Date Collected:	04/30/2014	13:05
Sample Point:	CAMPSITE FAUCET	Date Received:	05/01/2014	09:03
Water System:	Other	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	6	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.11	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	207	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.4	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16220

Official Laboratory Report

Report To: LAKEVIEW CAMPGROUND
5300 CUTLER RD
LAKEVIEW MI 48850

System Name/Owner:		WSSN/Pool ID:	2005059	
Collection Address:	5300 CUTLER RD,LAKEVIEW	Source:	TYPE II	
Collected By:	MAINTENANCE	Site Code:		
Township/Well#/Section:	BELVIDERE/2/	Collector:	Other	
County:	Montcalm	Date Collected:	04/30/2014	13:15
Sample Point:	CAMPSITE FAUCET	Date Received:	05/01/2014	09:03
Water System:	Other	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	53	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	228	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.2	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	14	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16147

Official Laboratory Report

Report To: ELHORN ENGINEERING CO
889 EDEN RD
MASON MI 48854

System Name/Owner:	SUNSET RIDGE MHP	WSSN/Pool ID:	40662
Collection Address:	7204 E GRAND RIVER AVE,PORTLAND	Source:	TYPE I
Collected By:	J COOPER	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Ionia	Date Collected:	04/30/2014 13:00
Sample Point:	KITCHEN OFFICE	Date Received:	04/30/2014 13:55
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ionia County Health Dept.
175 E. Adams St.
Ionia, MI 48846
616 527-5341

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16148

Official Laboratory Report

Report To: ELHORN ENGINEERING CO
889 EDEN RD
MASON MI 48854

System Name/Owner:	ALLEGAN MHP	WSSN/Pool ID:	40002
Collection Address:	1260 LINCOLN,ALLEGAN	Source:	TYPE I
Collected By:	J COOPER	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Allegan	Date Collected:	04/30/2014 11:00
Sample Point:	16 HOSE BIB	Date Received:	04/30/2014 13:55
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16149

Official Laboratory Report

Report To: ELHORN ENGINEERING CO
889 EDEN RD
MASON MI 48854

System Name/Owner:	PRESTIGE PINES	WSSN/Pool ID:	3857
Collection Address:	1177 SOLON RD,DEWITT	Source:	TYPE I
Collected By:	J COOPER	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Clinton	Date Collected:	04/30/2014 13:40
Sample Point:	KITCHEN UNIT 3	Date Received:	04/30/2014 13:55
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
1307 E Townsend
St. Johns, MI 48879
989 224-2195

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16150

Official Laboratory Report

Report To: ELHORN ENGINEERING CO
889 EDEN RD
MASON MI 48854

System Name/Owner:	HOMECREST MHP	WSSN/Pool ID:	40014
Collection Address:	3394 CARRIE AVE,ALLEGAN	Source:	TYPE I
Collected By:	J COOPER	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Allegan	Date Collected:	04/30/2014 10:40
Sample Point:	BATH LAUNDRY	Date Received:	04/30/2014 13:55
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16151

Official Laboratory Report

Report To: ELHORN ENGINEERING CO
889 EDEN RD
MASON MI 48854

System Name/Owner:	VILLAGE EAST MHP	WSSN/Pool ID:	40028
Collection Address:	1260 LINCOLN RD,ALLEGAN	Source:	TYPE I
Collected By:	J COOPER	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Allegan	Date Collected:	04/30/2014 11:05
Sample Point:	68 HOSE BIB	Date Received:	04/30/2014 13:56
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16152

Official Laboratory Report

Report To: ELHORN ENGINEERING CO
889 EDEN RD
MASON MI 48854

System Name/Owner:	RIVERVIEW MHP	WSSN/Pool ID:	40023
Collection Address:	3460 47TH ST,HAMILTON	Source:	TYPE I
Collected By:	J COOPER	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Allegan	Date Collected:	04/30/2014 10:05
Sample Point:	21 HOSE BIB	Date Received:	04/30/2014 13:56
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16173

Official Laboratory Report

Report To: THOMAS R SMITH
1203 GLENWOOD RD
MT PLEASANT MI 48858

System Name/Owner:	THOMAS R SMITH	WSSN/Pool ID:		
Collection Address:	4300 GIERKE RD,GRAYLING	Source:	Single Family Dwelling	
Collected By:	THOMAS R SMITH	Site Code:		
Township/Well#/Section:	GRAYLING//	Collector:	Other	
County:	Crawford	Date Collected:	04/30/2014	10:00
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:12
Water System:	Untreated Private Well	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	37	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	154	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	37	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	10	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
202 Meadows Drive
Grayling, MI 49738
989 348-7800

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16223

Official Laboratory Report

Report To: DICKENSON HOME INSP
11669 GOLF VIEW
PEWAMO MI 48873

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	8732 SHEPARDSVILLE,LAINGSBURG	Source:	Single Family Dwelling
Collected By:	DAN DICKENSON	Site Code:	
Township/Well#/Section:	VICTOR//	Collector:	Other
County:	Clinton	Date Collected:	04/30/2014 19:00
Sample Point:	BATHROOM	Date Received:	05/01/2014 09:04
Water System:	Untreated Private Well	Purpose:	Real Estate Transaction

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Arsenic	Not detected	05/02/2014	0.002	0.010	EPA 200.8	7440-38-2
Chloride	5	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.78	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	292	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.1	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	15	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	14	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
1307 E Townsend
St. Johns, MI 48879
989 224-2195

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16224

Official Laboratory Report

Report To: DICKENSON HOME INSPECTIONS
11669 GOLF VIEW DR
PEWAMO MI 48873

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	9853 W M21,OVID	Source:	Single Family Dwelling
Collected By:	DAN DICKENSON	Site Code:	
Township/Well#/Section:	MIDDLEBURY//	Collector:	Other
County:	Shiawassee	Date Collected:	04/30/2014 17:00
Sample Point:	OUTSIDE FAUCET	Date Received:	05/01/2014 09:04
Water System:	Untreated Private Well	Purpose:	Real Estate Transaction

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Arsenic	Not detected	05/02/2014	0.002	0.010	EPA 200.8	7440-38-2
Chloride	12	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.23	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	275	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	22	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	33	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Shiawassee County Health Dept.
201 N. Shiawassee
Corunna, MI 48817
989 743-2390

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16225

Official Laboratory Report

Report To: DICKENSON HOME INSP
11669 GOLF VIEW
PEWAMO MI 48873

System Name/Owner:	WINANS	WSSN/Pool ID:		
Collection Address:	6912 CARLAND RD,ELSIE	Source:	Single Family Dwelling	
Collected By:	DAN DICKENSON	Site Code:		
Township/Well#/Section:	FAIRFIELD//13	Collector:	Other	
County:	Shiawassee	Date Collected:	04/30/2014	20:00
Sample Point:	OUTSIDE SPICKET	Date Received:	05/01/2014	09:04
Water System:	Untreated Private Well	Purpose:	Real Estate Transaction	

Sample Comment **LF16225** **Less than 100 mL of sample in bottle; to insure accurate results please fill bottle to 100 mL line.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**POSITIVE**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Coliform bacteria was detected. Consult your county or district health department for investigation of related risks.						
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Arsenic	Not detected	05/02/2014	0.002	0.010	EPA 200.8	7440-38-2
Chloride	Not detected	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.56	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	276	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.2	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	12	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	17	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Shiawassee County Health Dept.
201 N. Shiawassee
Corunna, MI 48817
989 743-2390

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16141

Official Laboratory Report

Report To: JAMES O ROBERTSON
5541 WINDSOR HWY
POTTERVILLE MI 48876

System Name/Owner:	POTTERVILLE MASONIC LODGE	WSSN/Pool ID:		
Collection Address:	4925 N ROYSTON RD,POTTERVILLE	Source:	Single Family Dwelling	
Collected By:		Site Code:		
Township/Well#/Section:	BENTON TWP//	Collector:	Private Citizen	
County:	Eaton	Date Collected:	04/30/2014	09:15
Sample Point:	UTILITY ROOM BEFORE PRESSURE TANK	Date Received:	04/30/2014	10:28
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.27	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	271	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	5.0	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	16	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
1033 Health Care Drive
Charlotte, MI 48813
517 541-2615

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15971

Official Laboratory Report

Report To: GERALD HART
1724 HOLT RD
WILLIAMSTON MI 48895

System Name/Owner:	OMEGA CATTLE CORP	WSSN/Pool ID:		
Collection Address:	4601 E HOLT RD,WEBBERVILLE	Source:	Single Family Dwelling	
Collected By:	JERRY HART	Site Code:		
Township/Well#/Section:	LEROY//14	Collector:	Other	
County:	Ingham	Date Collected:	04/28/2014	20:00
Sample Point:	BATH	Date Received:	04/29/2014	12:53
Water System:	Untreated Private Well	Purpose:	Real Estate Transaction	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/29/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Arsenic	Not Detected	04/29/2014	0.002	0.010	EPA 200.8	7440-38-2
Chloride	Not detected	04/29/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.50	04/29/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	289	04/29/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.4	04/29/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/29/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/29/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	13	04/29/2014	5		SM 3500 NaB	7440-23-5
Sulfate	19	04/29/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16158

Official Laboratory Report

Report To: UNIVERSITY CLUB OF MSU
PO BOX 27157
LANSING MI 48909

System Name/Owner:	UNIVERSITY CLUB OF MSU	WSSN/Pool ID:	
Collection Address:	3435 FOREST RD,LANSING	Source:	Swimming Pool or Spa
Collected By:		Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Ingham	Date Collected:	04/30/2014 09:00
Sample Point:		Date Received:	04/30/2014 15:29
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16186

Official Laboratory Report

Report To: OAK PARK YMCA
900 LONG BLVD
LANSING MI 48911

System Name/Owner:	OAK PARK YMCA	WSSN/Pool ID:	3349102
Collection Address:	900 LONG BLVD,LANSING	Source:	Swimming Pool or Spa
Collected By:	JOE FILKO	Site Code:	
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Ingham	Date Collected:	04/29/2014 11:30
Sample Point:	W-POOL	Date Received:	05/01/2014 08:15
Water System:	Other	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Sample was more than 30 hours old when analyzed. Results will be evaluated by regulating agency.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16187

Official Laboratory Report

Report To: OAK PARK YMCA
900 LONG BLVD
LANSING MI 48911

System Name/Owner:	OAK PARK YMCA	WSSN/Pool ID:	3349101
Collection Address:	900 LONG BLVD,LANSING	Source:	Swimming Pool or Spa
Collected By:	JOE FILKO	Site Code:	
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Ingham	Date Collected:	04/29/2014 11:30
Sample Point:	S-POOL	Date Received:	05/01/2014 08:15
Water System:	Other	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Sample was more than 30 hours old when analyzed. Results will be evaluated by regulating agency.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16125

Official Laboratory Report

Report To: DYER WELL DRILLING & SVC INC
7300 MILLETT HWY
LANSING MI 48917

System Name/Owner:	BILL RAYMAKER	WSSN/Pool ID:	
Collection Address:	2656 N HICKORY,OWOSSO	Source:	Single Family Dwelling
Collected By:	JUSTIN	Site Code:	
Township/Well#/Section:	CALEDONIA//6	Collector:	Other
County:	Shiawassee	Date Collected:	04/29/2014 15:30
Sample Point:	WELL HEAD	Date Received:	04/30/2014 10:19
Water System:	Other	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Shiawassee County Health Dept.
201 N. Shiawassee
Corunna, MI 48817
989 743-2390

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16155

Official Laboratory Report

Report To: WAVERLY SCHOOLS
3809 W ST JOE
LANSING MI 48917

System Name/Owner:	WAVERLY EAST	WSSN/Pool ID:	
Collection Address:	3131 W MICHIGAN AVE,LANSING	Source:	Swimming Pool or Spa
Collected By:	SCOTT	Site Code:	
Township/Well#/Section:	LANSING//	Collector:	Other
County:	Ingham	Date Collected:	04/30/2014 08:00
Sample Point:		Date Received:	04/30/2014 14:31
Water System:	Other	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16156

Official Laboratory Report

Report To: WAVERLY HIGH SCHOOL
160 SNOW RD
LANSING MI 48917

System Name/Owner:	WAVERLY SCHOOLS	WSSN/Pool ID:	2350001
Collection Address:	160 SNOW RD,LANSING	Source:	Swimming Pool or Spa
Collected By:	BILL DAVIS	Site Code:	
Township/Well#/Section:	DELTA//14	Collector:	Other
County:	Eaton	Date Collected:	04/30/2014 07:00
Sample Point:	LAP POOL	Date Received:	04/30/2014 14:31
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
1033 Health Care Drive
Charlotte, MI 48813
517 541-2615

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15960

Official Laboratory Report

Report To: COUNTRYSIDE CHARTER SCHOOLS
4800 MEADOWBROOK
BENTON HARBOR MI 49022

System Name/Owner:	COUNTRYSIDE CHARTER SCHOOLS	WSSN/Pool ID:	2068111
Collection Address:	4800 MEADOWBROOK,BENTON HARBOR	Source:	TYPE II
Collected By:	KEVIN A KASISCHKE RS	Site Code:	
Township/Well#/Section:	BENTON/001/36	Collector:	County Personnel
County:	Berrien	Date Collected:	04/28/2014 13:05
Sample Point:	SAMPLE TAP	Date Received:	04/29/2014 11:22
Water System:	Pressure Tank/Plant Tap	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	5	04/29/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.23	04/29/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	183	04/29/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.3	04/29/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/29/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/29/2014	0.05	1	10-107-04-2-B	14797-65-0
pH Determination	7.99	04/29/2014	2.0		EPA 150.1	PH-00-C
Silica as SiO2	13.9	05/02/2014	0.6		SM 4500-SiO2 C	7440-21-3
Sodium (automated)	10	04/29/2014	5		SM 3500 NaB	7440-23-5
Sulfate	11	04/29/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Berrien County
2106 South M-139
Benton Harbor, MI 49022
269 927-5623

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15961

Official Laboratory Report

Report To: COUNTRYSIDE CHARTER SCHOOLS
4800 MEADOWBROOK
BENTON HARBOR MI 49022

System Name/Owner:	COUNTRYSIDE CHARTER SCHOOLS	WSSN/Pool ID:	2068111
Collection Address:	4800 MEADOWBROOK,BENTON HARBOR	Source:	TYPE II
Collected By:	KEVIN A KASISCHKE RS	Site Code:	
Township/Well#/Section:	BENTON/002/36	Collector:	County Personnel
County:	Berrien	Date Collected:	04/28/2014 13:09
Sample Point:	SAMPLE TAP	Date Received:	04/29/2014 11:23
Water System:	Pressure Tank/Plant Tap	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	13	04/29/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.37	04/29/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	150	04/29/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.2	04/29/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/29/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/29/2014	0.05	1	10-107-04-2-B	14797-65-0
pH Determination	8.06	04/29/2014	2.0		EPA 150.1	PH-00-C
Silica as SiO2	12.9	05/02/2014	0.6		SM 4500-SiO2 C	7440-21-3
Sodium (automated)	14	04/29/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/29/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Berrien County
2106 South M-139
Benton Harbor, MI 49022
269 927-5623

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16234

Official Laboratory Report

Report To: JAMES SCHERER
44846 CR 380
BLOOMINGDALE MI 49026

System Name/Owner:	JEP CAMP 2014	WSSN/Pool ID:		
Collection Address:	18275 47TH ST,BLOOMINGDALE	Source:	TYPE III	
Collected By:	CECIL MUSTAIN	Site Code:	80-0257	
Township/Well#/Section:	COLUMBIA//25	Collector:	Private Citizen	
County:	Van Buren	Date Collected:	04/30/2014	10:30
Sample Point:	FAUCET	Date Received:	05/01/2014	09:17
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	194	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.4	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16235

Official Laboratory Report

Report To: JAMES SCHERER
44846 CR 380
BLOOMINGDALE MI 49026

System Name/Owner:	CHURCH CAMP 2014	WSSN/Pool ID:		
Collection Address:	41338 24TH AVE,BLOOMINGDALE	Source:	TYPE III	
Collected By:	CECIL MUSTAIN	Site Code:	80-0096	
Township/Well#/Section:	BLOOMINGDALE//33	Collector:	Private Citizen	
County:	Van Buren	Date Collected:	04/30/2014	10:00
Sample Point:	FAUCET	Date Received:	05/01/2014	09:17
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	6	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.14	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	263	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.4	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	33	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16236

Official Laboratory Report

Report To: JAMES SCHERER
44846 CR 380
BLOOMINGDALE MI 49026

System Name/Owner:	HUFFMAN CAMP 2014	WSSN/Pool ID:		
Collection Address:	41050 24TH AVE,BLOOMINGDALE	Source:	TYPE III	
Collected By:	CECIL MUSTAIN	Site Code:	80-0088	
Township/Well#/Section:	BLOOMINGDALE//33	Collector:	Private Citizen	
County:	Van Buren	Date Collected:	04/30/2014	09:30
Sample Point:	FAUCET	Date Received:	05/01/2014	09:17
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	7	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.17	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	250	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.3	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	5	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	49	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16191

Official Laboratory Report

Report To: CASS CO HEALTH DEPT
201 M62 NORTH
CASSOPOLIS MI 49031

System Name/Owner:	MS OHARE	WSSN/Pool ID:		
Collection Address:	54965 MOODY DR,EAU CLAIRE	Source:	Single Family Dwelling	
Collected By:	MEREDITH OHARE	Site Code:	13-228	
Township/Well#/Section:	SILVER CREEK//30	Collector:	Private Citizen	
County:	Cass	Date Collected:	04/29/2014	11:45
Sample Point:	BATHROOM	Date Received:	05/01/2014	08:15
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Sample was more than 30 hours old when analyzed. Coliform result is possibly invalid for testing done more than 30 hours after sample collection.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

Chloride	8	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	208	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	6	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	28	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

VanBuren/Cass County Health Dept.
201 M-62 North
Cassopolis, MI 49031
269 445-5280

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16221

Official Laboratory Report

Report To: JOHN FALKNER
51401 CR 352
DECATUR MI 49045

System Name/Owner:	RED CAMP 2014	WSSN/Pool ID:	2052280	
Collection Address:	51250 TERRITORIAL,DECATUR	Source:	TYPE II	
Collected By:	CARLOS UVALLE	Site Code:	80-0180	
Township/Well#/Section:	HAMILTON//10	Collector:	Private Citizen	
County:	Van Buren	Date Collected:	04/30/2014	08:30
Sample Point:	WELL SPICKET	Date Received:	05/01/2014	09:03
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	5	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	191	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.3	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	25	05/01/2014	10		SM 4500 SO4E	14808-79-8

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
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mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15682

Official Laboratory Report

Report To: JOHN A VYLONIS
55838 DAVIS LANE
DOWAGIAC MI 49047

System Name/Owner:	JOHN A VYLONIS	WSSN/Pool ID:		
Collection Address:	55838 DAVIS LANE,DOWAGIAC	Source:	Single Family Dwelling	
Collected By:	JOHN A VYLONIS	Site Code:		
Township/Well#/Section:	WAYNE//	Collector:	Private Citizen	
County:	Cass	Date Collected:	04/24/2014	14:00
Sample Point:	OUTSIDE SPIGOT	Date Received:	04/25/2014	08:39
Water System:	Untreated Private Well	Purpose:	Water Quality Problem	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

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mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15682

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15682

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

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CAS# : Chemical Abstract Service Registry Number
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Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15683

Official Laboratory Report

Report To: MATTHEW CRIPE
26887 NUBOUR RD
DOWAGIAC MI 49047

System Name/Owner:	MATTHEW CRIPE	WSSN/Pool ID:		
Collection Address:	26887 NUBOUR RD,DOWAGIAC	Source:	Single Family Dwelling	
Collected By:	BETH CRIPE	Site Code:		
Township/Well#/Section:	WAYNE//	Collector:	Private Citizen	
County:	Cass	Date Collected:	04/24/2014	13:40
Sample Point:	OUTSIDE SPIGOT	Date Received:	04/25/2014	08:39
Water System:	Untreated Private Well	Purpose:	Water Quality Problem	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15683

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF15683

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

VanBuren/Cass County Health Dept.
201 M-62 North
Cassopolis, MI 49031
269 445-5280

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Sample Number
LF15903

Official Laboratory Report

Report To: PAULETTE CLARK
POB 911
DOWAGIAC MI 49047

System Name/Owner:	PAULETTE CLARK		WSSN/Pool ID:		
Collection Address:	25841 NUBOUR,DOWAGIAC		Source:	Single Family Dwelling	
Collected By:	PAULETTE CLARK		Site Code:		
Township/Well#/Section:	WAYNE//		Collector:	Private Citizen	
County:	Cass		Date Collected:	04/28/2014	09:00
Sample Point:	OUTSIDE FAUCET		Date Received:	04/29/2014	09:43
Water System:	Untreated Private Well		Purpose:	Water Quality Problem	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
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mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF15903

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF15903

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

VanBuren/Cass County Health Dept.
201 M-62 North
Cassopolis, MI 49031
269 445-5280

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Sample Number
LF15906

Official Laboratory Report

Report To: SAMANTHA AUSRA
26930 NUBOUR RD
DOWAGIAC MI 49047

System Name/Owner:	SAMANTHA AUSRA	WSSN/Pool ID:		
Collection Address:	26930 NUBOUR RD,DOWAGIAC	Source:	Single Family Dwelling	
Collected By:	SAMANTHA AUSRA	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Cass	Date Collected:	04/28/2014	10:50
Sample Point:	KITCHEN	Date Received:	04/29/2014	09:43
Water System:	Untreated Private Well	Purpose:	Water Quality Problem	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF15906

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15906

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

VanBuren/Cass County Health Dept.
201 M-62 North
Cassopolis, MI 49031
269 445-5280

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16184

Official Laboratory Report

Report To: BRUCE NEVINS
51256 GARRET RD
DOWAGIAC MI 49047

System Name/Owner:	BRUCE NEVINS	WSSN/Pool ID:		
Collection Address:	51256 GARRET RD,DOWAGIAC	Source:	Other	
Collected By:		Site Code:		
Township/Well#/Section:	SILVER CREEK//	Collector:	Other	
County:	Cass	Date Collected:	04/30/2014	12:00
Sample Point:		Date Received:	05/01/2014	08:14
Water System:	Treated Public Distribution System	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

VanBuren/Cass County Health Dept.
201 M-62 North
Cassopolis, MI 49031
269 445-5280

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16226

Official Laboratory Report

Report To: MATT LUMBERT
11209 STAGECOACH DR
DOWLING MI 49050

System Name/Owner:	WALTERS-DIMMICK PETROLEUM	WSSN/Pool ID:	2037713
Collection Address:	9016 17 MILE RD,MARSHALL	Source:	TYPE II
Collected By:	MATT	Site Code:	
Township/Well#/Section:	/001/	Collector:	Public Water Supply Operator
County:	Calhoun	Date Collected:	04/30/2014 09:30
Sample Point:	BACK ROOM	Date Received:	05/01/2014 09:13
Water System:	Untreated Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	12	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.11	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	296	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.3	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	7	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	37	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Calhoun County Dept. of Public Health
190 E. Michigan
Battle Creek, MI 49014
269 969-6341

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16189

Official Laboratory Report

Report To: VAN BUREN DISTRICT HEALTH DEPT
57418 CR 681
HARTFORD MI 49057

System Name/Owner:	BEACON COTTAGE 1	WSSN/Pool ID:	
Collection Address:	56844 48TH AVE,LAWRENCE	Source:	Single Family Dwelling
Collected By:	GEORGE FRIDAY	Site Code:	1022910
Township/Well#/Section:	ARLINGTON//	Collector:	County Personnel
County:	Van Buren	Date Collected:	04/30/2014 10:00
Sample Point:	KITCHEN SINK	Date Received:	05/01/2014 08:15
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	Not detected	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	0.4	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	121	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	28	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16195

Official Laboratory Report

Report To: JASON MEACHUM
60708 54TH AVE
HARTFORD MI 49057

System Name/Owner:	HIGH ACRES FRUIT FARM	WSSN/Pool ID:		
Collection Address:	LAWRENCE CAMP,	Source:	Other	
Collected By:	JASON	Site Code:		
Township/Well#/Section:	LAWRENCE//	Collector:	Other	
County:	Van Buren	Date Collected:	04/30/2014	13:20
Sample Point:	FAUCET	Date Received:	05/01/2014	08:36
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	15	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.10	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	307	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.8	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	5	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	30	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16196

Official Laboratory Report

Report To: JASON MEACHUM
60708 54TH AVE
HARTFORD MI 49057

System Name/Owner:	HIGH ACRES FRUIT FARM	WSSN/Pool ID:		
Collection Address:	NEW WELL HARTFORD CAMP,HARTFORD	Source:	Other	
Collected By:	JASON	Site Code:		
Township/Well#/Section:	HARTFORD//	Collector:	Other	
County:	Van Buren	Date Collected:	04/30/2014	13:10
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:36
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	12	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	382	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	4.6	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	25	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16197

Official Laboratory Report

Report To: JASON MEACHUM
60708 54TH AVE
HARTFORD MI 49057

System Name/Owner:	HIGH ACRES FRUIT FARM	WSSN/Pool ID:		
Collection Address:	OLD WELL HARTFORD CAMP,	Source:	Other	
Collected By:	JASON	Site Code:		
Township/Well#/Section:	HARTFORD//	Collector:	Private Citizen	
County:	Van Buren	Date Collected:	04/30/2014	13:00
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:36
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**POSITIVE**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Coliform bacteria was detected. Consult your county or district health department for investigation of related risks.						
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	7	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	299	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	2.0	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	17	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16103

Official Laboratory Report

Report To: DEB COLE
2049 NORTH M-43 HWY
HASTINGS MI 49058

System Name/Owner:	DELTON HEADSTART	WSSN/Pool ID:	2009308
Collection Address:	10085 SOUTH M-43 HWY,DELTON	Source:	TYPE II
Collected By:	MATT	Site Code:	
Township/Well#/Section:	/001/	Collector:	Public Water Supply Operator
County:	Barry	Date Collected:	04/29/2014 07:30
Sample Point:	ROOM #1	Date Received:	04/30/2014 09:36
Water System:	Treated/Softened Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	05/01/2014	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	05/01/2014	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
330 West Woodlawn Ave
Hastings, MI 49058
269 945-9516

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16104

Official Laboratory Report

Report To: DEB COLE
2049 NORTH M-43 HWY
HASTINGS MI 49058

System Name/Owner:	DELTON HEADSTART	WSSN/Pool ID:	2009308
Collection Address:	10085 SOUTH M-43 HWY,DELTON	Source:	TYPE II
Collected By:	MATT	Site Code:	
Township/Well#/Section:	/001/	Collector:	Public Water Supply Operator
County:	Barry	Date Collected:	04/29/2014 08:05
Sample Point:	ROOM #4	Date Received:	04/30/2014 09:36
Water System:	Treated/Softened Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	05/01/2014	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	05/01/2014	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
330 West Woodlawn Ave
Hastings, MI 49058
269 945-9516

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16105

Official Laboratory Report

Report To: DEB COLE
2049 NORTH M-43 HWY
HASTINGS MI 49058

System Name/Owner:	DELTON HEADSTART	WSSN/Pool ID:	2009308
Collection Address:	10085 SOUTH M-43 HWY,DELTON	Source:	TYPE II
Collected By:	MATT	Site Code:	
Township/Well#/Section:	/001/	Collector:	Public Water Supply Operator
County:	Barry	Date Collected:	04/29/2014 07:40
Sample Point:	ROOM 2	Date Received:	04/30/2014 09:36
Water System:	Treated/Softened Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	05/01/2014	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	05/01/2014	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
330 West Woodlawn Ave
Hastings, MI 49058
269 945-9516

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16106

Official Laboratory Report

Report To: DEB COLE
2049 NORTH M-43 HWY
HASTINGS MI 49058

System Name/Owner:	DELTON HEADSTART	WSSN/Pool ID:	2009308
Collection Address:	10085 SOUTH M-43 HWY,DELTON	Source:	TYPE II
Collected By:	MATT	Site Code:	
Township/Well#/Section:	/001/	Collector:	Public Water Supply Operator
County:	Barry	Date Collected:	04/29/2014 07:50
Sample Point:	ROOM #3	Date Received:	04/30/2014 09:36
Water System:	Treated/Softened Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	05/01/2014	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	05/01/2014	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
330 West Woodlawn Ave
Hastings, MI 49058
269 945-9516

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16179

Official Laboratory Report

Report To: RIVERGATE CAMPGROUND
2514 S CHARLTON PARK RD
HASTINGS MI 49058

System Name/Owner:	RIVERGATE CAMPGROUND	WSSN/Pool ID:	2002008	
Collection Address:	2514 S CHARLTON PARK RD,HASTINGS	Source:	TYPE II	
Collected By:	J BARNARD	Site Code:		
Township/Well#/Section:	HASTINGS/003/24	Collector:	Private Citizen	
County:	Barry	Date Collected:	04/30/2014	15:32
Sample Point:	OUTSIDE TAP	Date Received:	05/01/2014	08:14
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
330 West Woodlawn Ave
Hastings, MI 49058
269 945-9516

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16180

Official Laboratory Report

Report To: RIVERGATE CAMPGROUND
2514 S CHARLTON PARK RD
HASTINGS MI 49058

System Name/Owner:	RIVERGATE CAMPGROUND	WSSN/Pool ID:	2002008	
Collection Address:	2514 S CHARLTON PARK RD,HASTINGS	Source:	TYPE II	
Collected By:	J BARNARD	Site Code:		
Township/Well#/Section:	HASTINGS/004/26	Collector:	Private Citizen	
County:	Barry	Date Collected:	04/30/2014	15:19
Sample Point:	OUTSIDE TAP	Date Received:	05/01/2014	08:14
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
330 West Woodlawn Ave
Hastings, MI 49058
269 945-9516

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16193

Official Laboratory Report

Report To: LAWTON COMMUNITY CENTER
646 N NURSERY
PO BOX 192
LAWTON MI 49065

System Name/Owner:	LAWTON COMMUNITY CENTER	WSSN/Pool ID:		
Collection Address:	646 N NURSERY ST,LAWTON	Source:	TYPE II	
Collected By:	RYAN CALDWELL	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Van Buren	Date Collected:	04/30/2014	09:01
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:15
Water System:	Other	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	13	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.13	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	166	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.9	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	58	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	32	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Van Buren/Cass County Health Dept.
57418 County Rd. 681, Suite A
Hartford, MI 49057
269 621-3143

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16159

Official Laboratory Report

Report To: CAMP THORNAPPLE INC
5625 THORNAPPLE LAKE RD
NASHVILLE MI 49073

System Name/Owner:	CAMP THORNAPPLE INC	WSSN/Pool ID:	2000208
Collection Address:	5625 THORNAPPLE LAKE RD,NASHVILLE	Source:	TYPE II
Collected By:	MIKE LEDYARD	Site Code:	
Township/Well#/Section:	CASTLETON//30	Collector:	Public Water Supply Operator
County:	Barry	Date Collected:	04/30/2014 14:45
Sample Point:	FAUCET 9	Date Received:	04/30/2014 16:10
Water System:	Other	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
330 West Woodlawn Ave
Hastings, MI 49058
269 945-9516

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16154

Official Laboratory Report

Report To: FOUR ROSES - TOM ROSE
663 10TH ST
PLAINWELL MI 49080

System Name/Owner:	TOM ROSE	WSSN/Pool ID:	2064503	
Collection Address:	663 10TH ST,PLAINWELL	Source:	TYPE II	
Collected By:	TOM ROSE	Site Code:		
Township/Well#/Section:	GUN PLAIN//	Collector:	Private Citizen	
County:	Allegan	Date Collected:	04/29/2014	12:30
Sample Point:	KITCHEN	Date Received:	04/30/2014	14:22
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	22	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	126	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	72	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Allegan County Health Dept
3255 122nd Street, Suite 200
Allegan, MI 49010
269 673-5411

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16092

Official Laboratory Report

Report To: LESLIE J SCHULL JR
18364 6TH AVE
THREE RIVERS MI 49093

System Name/Owner:	LESLIE J SCHULL JR	WSSN/Pool ID:	
Collection Address:	18364 6TH AVE,THREE RIVERS	Source:	Single Family Dwelling
Collected By:	LESLIE SCHULL	Site Code:	
Township/Well#/Section:	LOCKPORT//	Collector:	Private Citizen
County:	St Joseph	Date Collected:	04/29/2014 14:00
Sample Point:	KITCHEN	Date Received:	04/30/2014 09:29
Water System:	Untreated Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	25	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.10	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	277	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	6.7	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	8	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	28	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Branch-Hiilsdale-St. Joseph Health Dept
1110 Hill St.
Three Rivers, MI 49093
269 273-2161

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16232

Official Laboratory Report

Report To: COREY LAKE ORCHARDS OPERATION
12147 COREY LAKE RD
THREE RIVERS MI 49093

System Name/Owner:	COREY LAKE NORTH 2014	WSSN/Pool ID:		
Collection Address:	12147 COREY LAKE RD,THREE RIVERS	Source:	TYPE III	
Collected By:	NICHOL	Site Code:	75-0002	
Township/Well#/Section:	FABIUS//28	Collector:	Private Citizen	
County:	St Joseph	Date Collected:	04/30/2014	09:00
Sample Point:	BATHROOM	Date Received:	05/01/2014	09:17
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	9	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	163	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.9	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Branch-Hiilsdale-St. Joseph Health Dept
1110 Hill St.
Three Rivers, MI 49093
269 273-2161

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16233

Official Laboratory Report

Report To: COREY LAKE ORCHARDS OPERATION
12147 COREY LAKE RD
THREE RIVERS MI 49093

System Name/Owner:	COREY LAKE SOUTH 2014	WSSN/Pool ID:		
Collection Address:	12147 COREY LAKE RD,THREE RIVERS	Source:	TYPE III	
Collected By:	NICHOL	Site Code:	75-0001	
Township/Well#/Section:	FABIUS//28	Collector:	Private Citizen	
County:	St Joseph	Date Collected:	04/30/2014	09:00
Sample Point:	KITCHEN	Date Received:	05/01/2014	09:17
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	8	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	155	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	1.6	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Branch-Hiilsdale-St. Joseph Health Dept
1110 Hill St.
Three Rivers, MI 49093
269 273-2161

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16140

Official Laboratory Report

Report To: MAPLE VALLEY SCHOOLS
11090 NASHVILLE HWY
VERMONTVILLE MI 49096

System Name/Owner:	MAPLE VALLEY SCHOOLS	WSSN/Pool ID:	2011623	
Collection Address:	11090 NASHVILLE HWY,VERMONTVILLE	Source:	TYPE II	
Collected By:	PAT POWERS	Site Code:	399	
Township/Well#/Section:	VERMONTVILLE/1/30	Collector:	Other	
County:	Eaton	Date Collected:	04/30/2014	09:25
Sample Point:	KITCHEN SINK	Date Received:	04/30/2014	10:28
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Barry-Eaton Health District
1033 Health Care Drive
Charlotte, MI 48813
517 541-2615

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16192

Official Laboratory Report

Report To: JOHN HERSHEY
68836 WALLOWA RD
WHITE PIGEON MI 49099

System Name/Owner:	JOHN & LINDA HERSHEY	WSSN/Pool ID:		
Collection Address:	68836 WALLOWA RD,WHITE PIGEON	Source:	Single Family Dwelling	
Collected By:	LINDA HERSHEY	Site Code:		
Township/Well#/Section:	WHITE PIGEON/2/	Collector:	Private Citizen	
County:	St Joseph	Date Collected:	04/30/2014	10:48
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:15
Water System:	Treated/Softened Private Well	Purpose:	Repair/Construction/New Well	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	53	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	300	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	2.7	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	48	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Branch-Hiilsdale-St. Joseph Health Dept
1110 Hill St.
Three Rivers, MI 49093
269 273-2161

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16177

Official Laboratory Report

Report To: BRADLEY & KEANE CAMPGROUND
5405 E MICH AVE
JACKSON MI 49201

System Name/Owner:	JAMES LESTER	WSSN/Pool ID:	2050638	
Collection Address:	7945 DUNN RD,MUNITH	Source:	Other	
Collected By:	RANDY GATTSHALL	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Jackson	Date Collected:	04/30/2014	14:30
Sample Point:	BACK WELL 2050638	Date Received:	05/01/2014	08:14
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Jackson County Health Dept.
1697 Lansing Ave.
Jackson, MI 49202
517 788-4433

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16178

Official Laboratory Report

Report To: BRADLEY & KEANE CAMPGROUND
5405 E MICH AVE
JACKSON MI 49201

System Name/Owner:	JAMES LESTER	WSSN/Pool ID:	2053638	
Collection Address:	7945 DUNN RD,MUNITH	Source:	Other	
Collected By:	RANDY GATTSHALL	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Jackson	Date Collected:	04/30/2014	14:35
Sample Point:	FRONTWELL 2053638	Date Received:	05/01/2014	08:14
Water System:	Untreated Private Well	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Jackson County Health Dept.
1697 Lansing Ave.
Jackson, MI 49202
517 788-4433

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16203

Official Laboratory Report

Report To: DONQUE ELLIS
4717 PIN OAK TRAIL
JACKSON MI 49201

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	4717 PIN OAK TRAIL,JACKSON	Source:	Single Family Dwelling
Collected By:	DONQUE ELLIS	Site Code:	
Township/Well#/Section:	BLACKMAN//	Collector:	Other
County:	Jackson	Date Collected:	04/28/2014 14:45
Sample Point:	KITCKEN REFRIGERATOR	Date Received:	05/01/2014 08:47
Water System:	Treated/Softened Private Well	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	27	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.30	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	152	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	29	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Jackson County Health Dept.
1697 Lansing Ave.
Jackson, MI 49202
517 788-4433

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16183

Official Laboratory Report

Report To: PARADISE CAMPGROUND
17864 US 12
CEMENT CITY MI 49233

System Name/Owner:	PARADISE CAMPGROUND	WSSN/Pool ID:	2029346	
Collection Address:	17864 US 12,CEMENT CITY	Source:	TYPE II	
Collected By:	TERRY WILLIAMS	Site Code:		
Township/Well#/Section:	WOODSTOCK//	Collector:	Private Citizen	
County:	Lenawee	Date Collected:	04/30/2014	09:00
Sample Point:	FAUCETT	Date Received:	05/01/2014	08:14
Water System:	Public System Well	Purpose:	Repeat Sample	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Lenawee County Health Dept.
1040 S. Winter St #2328
Adrian, MI 49221-3871
517 264-5202

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16131

Official Laboratory Report

Report To: MAGNUM PLANT SERVICES INC
4975 JACOB ROAD
GRASS LAKE MI 49240

System Name/Owner:	ST LOUIS CENTER	WSSN/Pool ID:	6325
Collection Address:	16195 OLD US 12,CHELSEA	Source:	TYPE I
Collected By:	DAN GEYER	Site Code:	
Township/Well#/Section:	SYLVAN//	Collector:	Public Water Supply Operator
County:	Washtenaw	Date Collected:	04/29/2014 13:00
Sample Point:	MAIN KITCHEN	Date Received:	04/30/2014 10:21
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Washtenaw Co Dept. of Planning & Environment
705 N. Zeeb Road
Ann Arbor, MI 48107-8645
734 222-3800

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16132

Official Laboratory Report

Report To: MAGNUM PLANT SERVICES INC
4975 JACOB ROAD
GRASS LAKE MI 49240

System Name/Owner:	ST LOUIS CENTER	WSSN/Pool ID:	6325
Collection Address:	16195 OLD US 12,CHELSEA	Source:	TYPE I
Collected By:	DAN GEYER	Site Code:	
Township/Well#/Section:	SYLVAN//	Collector:	Public Water Supply Operator
County:	Washtenaw	Date Collected:	04/29/2014 12:50
Sample Point:	PLANT TAP	Date Received:	04/30/2014 10:21
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	0.005	05/01/2014	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Washtenaw Co Dept. of Planning & Environment
705 N. Zeeb Road
Ann Arbor, MI 48107-8645
734 222-3800

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16222

Official Laboratory Report

Report To: HILLSDALE COLLEGE
4302 BANKERS RD
HILLSDALE MI 49242

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	,	Source:	Other	
Collected By:	BART SPIETH	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Unknown	Date Collected:	04/30/2014	12:00
Sample Point:	WELL WATER	Date Received:	05/01/2014	09:03
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Unknown

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16194

Official Laboratory Report

Report To: PAUL L STUTZMAN
28646 V DRIVE S
HOMER MI 49245

System Name/Owner:	PAUL L STUTZMAN		WSSN/Pool ID:		
Collection Address:	28646 V DRIVE S,HOMER		Source:	Single Family Dwelling	
Collected By:	PAUL L STUTZMAN		Site Code:		
Township/Well#/Section:	HOMER//		Collector:	Private Citizen	
County:	Calhoun		Date Collected:	04/29/2014	11:15
Sample Point:	KITCHEN		Date Received:	05/01/2014	08:15
Water System:	Untreated Private Well		Purpose:	Repair/Construction/New Well	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**POSITIVE**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Coliform bacteria was detected. Consult your county or district health department for investigation of related risks.						
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	11	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.32	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	247	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.2	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	6	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	47	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Calhoun County Dept. of Public Health
190 E. Michigan
Battle Creek, MI 49014
269 969-6341

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15681

Official Laboratory Report

Report To: MAINSTREET AUTO SALES
5511 ALPINE AVE NW
COMSTOCK PARK MI 49321

System Name/Owner:	STEVEN BRATSCHIE	WSSN/Pool ID:	2098241	
Collection Address:	5511 ALPINE AVE NW,COMSTOCK PARK	Source:	TYPE II	
Collected By:	JODIE ROBERTS	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Kent	Date Collected:	04/24/2014	12:15
Sample Point:	BACK WELL - GARAGE	Date Received:	04/25/2014	08:39
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15681

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	0.0025	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15681

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

A trip blank was not available for analysis with this sample.

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Kent County Health Dept.
700 Fuller NE
Grand Rapids, MI 49503
616 632-6900

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16198

Official Laboratory Report

Report To: DUSTIN CAMPBELL
5770 MAPLE HILL RD
HOWARD CITY MI 49329

System Name/Owner:	CAMPBELL	WSSN/Pool ID:	
Collection Address:	5770 MAPLE HILL RD,HOWARD CITY	Source:	Single Family Dwelling
Collected By:	ERIC DEFORD 23602	Site Code:	
Township/Well#/Section:	PIERSON//2	Collector:	County Personnel
County:	Montcalm	Date Collected:	04/30/2014 14:30
Sample Point:	KITCHEN SINK	Date Received:	05/01/2014 08:36
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**POSITIVE**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Coliform bacteria was detected. Consult your county or district health department for investigation of related risks.						
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	12	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.22	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	275	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.2	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	7	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	21	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16115

Official Laboratory Report

Report To: BLUEGILL LAKE FAMILY CAMPING R
15854 PRETTY LAKE DR
MECOSTA MI 49332

System Name/Owner:	PAUL MALTRE	WSSN/Pool ID:	2021154	
Collection Address:	15854 PRETTY LAKE DR,MECOSTA	Source:	TYPE II	
Collected By:	MALTRE	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Mecosta	Date Collected:	04/29/2014	12:00
Sample Point:	SAMPLE TAP	Date Received:	04/30/2014	09:46
Water System:	Public System Well	Purpose:	Routine Monitoring	

Sample Comment **LF16115** **Sample was not submitted in a DEQ Drinking Water Laboratory sampling unit. Quality control check for that lot of sampling units was not performed by the DEQ laboratory.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
14485 Northland Drive
Big Rapids, MI 49307
231 592-0178

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16237

Official Laboratory Report

Report To: LUDINGTON STATE PARK
8800 W M116
LUDINGTON MI 49431

System Name/Owner:	DNR-PRD-LSP	WSSN/Pool ID:	2000853
Collection Address:	LUDINGTON STATE PARK,LUDINGTON	Source:	TYPE II
Collected By:	KEVIN SWYGERT	Site Code:	001
Township/Well#/Section:	HAMLIN//	Collector:	Public Water Supply Operator
County:	Mason	Date Collected:	04/30/2014 13:20
Sample Point:	PINES #2	Date Received:	05/01/2014 09:19
Water System:	Public System Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
916 Diana
Ludington, MI 49431
231 845-7381

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16238

Official Laboratory Report

Report To: LUDINGTON STATE PARK
8800 W M116
LUDINGTON MI 49431

System Name/Owner:	DNR-PRD-LSP	WSSN/Pool ID:	2000853
Collection Address:	LUDINGTON STATE PARK,LUDINGTON	Source:	TYPE II
Collected By:	KEVIN SWYGERT	Site Code:	001
Township/Well#/Section:	HAMLIN//	Collector:	Public Water Supply Operator
County:	Mason	Date Collected:	04/30/2014 13:15
Sample Point:	PINES #1	Date Received:	05/01/2014 09:19
Water System:	Public System Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
916 Diana
Ludington, MI 49431
231 845-7381

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16239

Official Laboratory Report

Report To: LUDINGTON STATE PARK
8800 W M116
LUDINGTON MI 49431

System Name/Owner:	DNR-PRD-LSP	WSSN/Pool ID:	2000853
Collection Address:	LUDINGTON STATE PARK,LUDINGTON	Source:	TYPE II
Collected By:	KEVIN SWYGERT	Site Code:	001
Township/Well#/Section:	HAMLIN//	Collector:	Public Water Supply Operator
County:	Mason	Date Collected:	04/30/2014 13:20
Sample Point:	PINES #2	Date Received:	05/01/2014 09:19
Water System:	Public System Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	31	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	0.93	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	125	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	0.7	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	62	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
916 Diana
Ludington, MI 49431
231 845-7381

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16181

Official Laboratory Report

Report To: MUSKEGON COUNTY FACILITIES MGT
199 E APPLE AVE
MUSKEGON MI 49440

System Name/Owner:	MUSKEGON COUNTY FAIRGROUNDS	WSSN/Pool ID:	2023361
Collection Address:	6621 HGTS RAVENNA RD,FRUITPORT	Source:	TYPE II
Collected By:	S A HOLKE	Site Code:	
Township/Well#/Section:	SULLIVAN/4-H-2/	Collector:	Public Water Supply Operator
County:	Muskegon	Date Collected:	04/30/2014 14:30
Sample Point:	TEST TAP	Date Received:	05/01/2014 08:14
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Muskegon County Health Dept.
209 E. Apple, Suite C173
Muskegon, MI 49442
231 724-6208

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16182

Official Laboratory Report

Report To: MUSKEGON COUNTY FACILITIES MGT
199 E APPLE AVE
MUSKEGON MI 49440

System Name/Owner:	MUSKEGON COUNTY FAIRGROUNDS	WSSN/Pool ID:	2023361
Collection Address:	6621 HGTS RAVENNA RD,FRUITPORT	Source:	TYPE II
Collected By:	S A HOLKE	Site Code:	
Township/Well#/Section:	SULLIVAN/4-H-1/	Collector:	Public Water Supply Operator
County:	Muskegon	Date Collected:	04/30/2014 14:30
Sample Point:	SPIGGOT	Date Received:	05/01/2014 08:14
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Muskegon County Health Dept.
209 E. Apple, Suite C173
Muskegon, MI 49442
231 724-6208

CAS# : Chemical Abstract Service Registry Number
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CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16188

Official Laboratory Report

Report To: PIONEER RESOURCES
1145 E WESLEY AVE
MUSKEGON MI 49442

System Name/Owner:	PIONEER RESOURCES	WSSN/Pool ID:	2030761	
Collection Address:	1419 E FRUITVALE RD/PIONEER TRA,HOL	Source:	TYPE II	
Collected By:	DEWITT	Site Code:		
Township/Well#/Section:	BLUE LAKE//	Collector:	Private Citizen	
County:	Muskegon	Date Collected:	04/30/2014	14:25
Sample Point:	DAY CAMP/CRAFT BUILDING	Date Received:	05/01/2014	08:15
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Muskegon County Health Dept.
209 E. Apple, Suite C173
Muskegon, MI 49442
231 724-6208

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16124

Official Laboratory Report

Report To: WESCO INC
1460 WHITEHALL RD
MUSKEGON MI 49445

System Name/Owner:	WESCO #17	WSSN/Pool ID:	2026864	
Collection Address:	4667 FIRST ST,NEW ERA	Source:	TYPE II	
Collected By:	ROB HOMFELD	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Oceana	Date Collected:	04/29/2014	09:30
Sample Point:	FOUNTAIN AREA FAUCET	Date Received:	04/30/2014	10:19
Water System:	Other	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
3986 North Oceana Drive
Hart, MI 49420
231 873-2193

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16185

Official Laboratory Report

Report To: STEPHEN YATES
3500 STRAND RD
MUSKEGON MI 49445

System Name/Owner:	STEPHEN YATES	WSSN/Pool ID:	2022361	
Collection Address:	,MUSKEGON	Source:	TYPE II	
Collected By:	STEPHEN YATES	Site Code:		
Township/Well#/Section:	DALTON//	Collector:	Other	
County:	Muskegon	Date Collected:	04/30/2014	09:30
Sample Point:	SITE #21 CAMPSITE	Date Received:	05/01/2014	08:14
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Muskegon County Health Dept.
209 E. Apple, Suite C173
Muskegon, MI 49442
231 724-6208

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16199

Official Laboratory Report

Report To: TIFFANY VAN DYKE
4601 LAKE MICHIGAN DR NW
GRAND RAPIDS MI 49534

System Name/Owner:	AMY DISHER	WSSN/Pool ID:	
Collection Address:	6710 BIRCH SHORE DR,LAKEVIEW	Source:	Single Family Dwelling
Collected By:	ERIC DEFORD 23607	Site Code:	
Township/Well#/Section:	CATO//1	Collector:	County Personnel
County:	Montcalm	Date Collected:	04/30/2014 11:30
Sample Point:	KITCHEN SINK	Date Received:	05/01/2014 08:36
Water System:	Treated/Softened Private Well	Purpose:	Real Estate Transaction

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	78	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	280	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	1.6	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	34	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	15	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Mid-Michigan District Health Dept.
615 N. State Rd., Suite 1
Stanton, MI 48888
989 831-5237

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16114

Official Laboratory Report

Report To: GARY LINDER
PO BOX 113
HERSEY MI 49639

System Name/Owner:	GERHARD LINDER	WSSN/Pool ID:		
Collection Address:	15670 BEECH ROAD,HERSEY	Source:	Single Family Dwelling	
Collected By:	GARY LINDER	Site Code:		
Township/Well#/Section:	GRANT//	Collector:	MDA Staff	
County:	Mecosta	Date Collected:	04/29/2014	15:00
Sample Point:	KITCHEN FAUCET	Date Received:	04/30/2014	09:42
Water System:	Untreated Private Well	Purpose:	Water Quality Problem	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
pH Determination	7.54	04/30/2014	2.0		EPA 150.1	PH-00-C

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
14485 Northland Drive
Big Rapids, MI 49307
231 592-0178

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16217

Official Laboratory Report

Report To: BEL-MOR LLC
1030 COUNTY RD 612 NE
KALKASKA MI 49646

System Name/Owner:	GREG MORRIS	WSSN/Pool ID:		
Collection Address:	1030 COUNTY RD 612 NE,KALKASKA	Source:	TYPE II	
Collected By:	JARED KORES	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Kalkaska	Date Collected:	04/30/2014	13:20
Sample Point:	KITCHEN	Date Received:	05/01/2014	09:00
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**05/01/2014**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Chloride	8	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	196	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	1.8	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Department #10
625 Courthouse Drive
Kalkaska, MI 49646
231 258-8669

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15905

Official Laboratory Report

Report To: NORTHERN HOME INSPECTIONS
3366 AMERICAN WAY
WILLIAMSBURG MI 49690

System Name/Owner:	FANNIE MAE	WSSN/Pool ID:	
Collection Address:	723 WEST LEONARD RD,MANCELONA	Source:	Single Family Dwelling
Collected By:	MIKE COMAI	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Antrim	Date Collected:	04/28/2014
Sample Point:	KITCHEN	Date Received:	04/29/2014 09:43
Water System:	Untreated Private Well	Purpose:	Real Estate Transaction

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	05/01/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	05/01/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	05/01/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	75-25-2

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15905

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Bromomethane	Not Detected	05/01/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	05/01/2014	0.0005		EPA 524.2	75-00-3
Chloroform	Not Detected	05/01/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	05/01/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	05/01/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	05/01/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	05/01/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	05/01/2014	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	05/01/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	05/01/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	05/01/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	05/01/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	05/01/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	05/01/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	05/01/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	0.0070	05/01/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	05/01/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	05/01/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	05/01/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	05/01/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	05/01/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	05/01/2014	0.0005	0.005	EPA 524.2	79-01-6

CAS# : Chemical Abstract Service Registry Number
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mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF15905

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
Vinyl chloride	Not Detected	05/01/2014	0 0004	0 002	EPA 524 2	75-01-4

A trip blank was not available for analysis with this sample.

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Northwest Michigan Community Health Agency
209 Portage Drive
Bellaire, MI 49615
231 533-8670

CAS# : Chemical Abstract Service Registry Number
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16091

Official Laboratory Report

Report To: NORMA M DELONG
114145 HULBERT RD
PO BOX 22
HULBERT MI 49748

System Name/Owner:	WILLIAM M DELONG	WSSN/Pool ID:	
Collection Address:	114145 HULBERT RD,HULBERT	Source:	Single Family Dwelling
Collected By:		Site Code:	PARCEL ID - 17-007-135-016-00
Township/Well#/Section:	HULBERT TWP//	Collector:	Private Citizen
County:	Chippewa	Date Collected:	04/29/2014 12:20
Sample Point:	KITCHEN	Date Received:	04/30/2014 09:29
Water System:	Untreated Private Well	Purpose:	Repair/Construction/New Well

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	10	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	172	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	1.3	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	0.5	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	Not detected	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	12	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Chippewa County Health Dept.
508 Ashmun, Suite 120
Sault Sainte Marie, MI 49783
906 635-3620

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16116

Official Laboratory Report

Report To: HIAWATHA HOME INSPECTION
2373 W FAIR AVE
MARQUETTE MI 49855

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	435 JORY DR,GWINN	Source:	Single Family Dwelling
Collected By:		Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Marquette	Date Collected:	04/26/2014 13:30
Sample Point:	KITCHEN	Date Received:	04/30/2014 09:46
Water System:	Untreated Private Well	Purpose:	Real Estate Transaction

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	7	04/30/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	04/30/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	47	04/30/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	04/30/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	04/30/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	04/30/2014	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	12	04/30/2014	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	04/30/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Marquette County Health Dept.
184 US 41 Hwy East
Negaunee, MI 49866
906 475-4195

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16205

Official Laboratory Report

Report To: PATTI ARSINEAU
909 10TH AVE
MENOMINEE MI 49858

System Name/Owner:	SCHLAUD AFC HOME	WSSN/Pool ID:		
Collection Address:	W8677 CR 356,STEPHENSON	Source:	TYPE III	
Collected By:	PATTI ARSINEAU	Site Code:		
Township/Well#/Section:	LAKE//4	Collector:	County Personnel	
County:	Menominee	Date Collected:	04/29/2014	11:00
Sample Point:	KITCHEN	Date Received:	05/01/2014	08:48
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	Not detected	05/01/2014	4		SM 4500-Cl E	7647-14-5
Fluoride	Not detected	05/01/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	05/01/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	05/01/2014	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	05/01/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	05/01/2014	0.05	1	10-107-04-2-B	14797-65-0
Samples for the above test must be kept cool during shipment. Sample was received at room temperature and results might not be accepted for compliance purposes.						
Sodium (automated)	112	05/01/2014	5		SM 3500 NaB	7440-23-5
Sulfate	12	05/01/2014	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Public Health Delta & Menominee Counties
909 Tenth Ave.
Menominee, MI 49858
906 863-4451

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16102

Official Laboratory Report

Report To: MICHELE CAMPBELL
W9289 COUNTY LINE RD
VULCAN MI 49892

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	W9289 COUNTY LINE RD,VULCAN	Source:	Single Family Dwelling
Collected By:	MICHELE CAMPBELL	Site Code:	
Township/Well#/Section:	FAITHORN TWP//	Collector:	Other
County:	Menominee	Date Collected:	04/28/2014 09:00
Sample Point:	KITCHEN	Date Received:	04/30/2014 09:35
Water System:	Treated/Softened Private Well	Purpose:	Real Estate Transaction

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	Not detected	05/01/2014	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Public Health Delta & Menominee Counties
909 Tenth Ave.
Menominee, MI 49858
906 863-4451

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF16127

Official Laboratory Report

Report To: SOCIETY OF ST JOHN
6559 STATE HWY M26
EAGLE HARBOR MI 49950

System Name/Owner:	SOCIETY OF ST JOHN	WSSN/Pool ID:		
Collection Address:	6500 STATE HWY M26,EAGLE HARBOR	Source:	TYPE III	
Collected By:	FR AMBROSE	Site Code:		
Township/Well#/Section:	EAGLE HARBOR//15	Collector:	Private Citizen	
County:	Keweenaw	Date Collected:	04/29/2014	10:51
Sample Point:	KITCHEN	Date Received:	04/30/2014	10:19
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**04/30/2014**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Western Upper Peninsula District
540 Depot Street
Hancock, MI 49930
906 482-7382

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: Rennaker, Joanne (DEQ)
Sent: Tuesday, August 25, 2015 2:45 PM
To: Rosenthal, Adam (DEQ)
Subject: What we already provided
Attachments: ACLU FOIA - Lab Results for Flint.pdf

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF68790

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	3811 BRENTWOOD DR,FLINT	Source:	Single Family Dwelling
Collected By:	REID SANDERS	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	06/14/2015 09:35
Sample Point:	KITCHEN	Date Received:	06/19/2015 11:02
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	06/22/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.042	06/22/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF63410

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	631 ALVORD AVE,FLINT	Source:	Single Family Dwelling
Collected By:	JANICE BERRYMAN	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	05/06/2015 07:00
Sample Point:	MAIN BATHROOM	Date Received:	05/13/2015 11:26
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	05/14/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.042	05/14/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF68793

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	1150 WOODSIDE DR,FLINT	Source:	Single Family Dwelling
Collected By:	DEBORAH CONRAD	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	06/14/2015 07:30
Sample Point:	KITCHEN	Date Received:	06/19/2015 11:02
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	06/22/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.029	06/22/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF63411

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	216 BROWNING AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	DEB	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/07/2015	08:00
Sample Point:	KITCHEN	Date Received:	05/13/2015	11:26
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	05/14/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.022	05/14/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF68023

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1807 OREN AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	MARK RUSSEL	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/08/2015	07:30
Sample Point:	BATHROOM	Date Received:	06/16/2015	11:11
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	06/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.021	06/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF68794

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	547 COPEMAN BLVD,FLINT	Source:	Single Family Dwelling	
Collected By:	LINDA LEE	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/14/2015	09:00
Sample Point:	KITCHEN	Date Received:	06/19/2015	11:02
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	06/22/2015	0.05	1,3	EPA 200.8	7440-50-8
Lead	0.018	06/22/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57728

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1224 DECKER ST,FLINT	Source:	Single Family Dwelling	
Collected By:	LOU ANNE MALIS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/17/2015	06:00
Sample Point:	KITCHEN	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF70230

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1205 BLANCHARD AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	JOEL ARNOLD	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/24/2015	06:30
Sample Point:	KITCHEN	Date Received:	06/30/2015	11:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	07/01/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	07/01/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF70222

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	721 EAST ST APT #2,FLINT	Source:	Single Family Dwelling	
Collected By:	MELANIE POISSON	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/25/2015	06:30
Sample Point:	KITCHEN	Date Received:	06/30/2015	11:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	07/01/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	07/01/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54946

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1809 STEVENSON ST,FLINT	Source:	TYPE I	
Collected By:	MIKE TAYLOR	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	02/10/2015	06:30
Sample Point:	KITCHEN SINK	Date Received:	02/19/2015	11:13
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	02/20/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	02/20/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF56223

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	4202 CUSTER AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	JACQUELINE PEMBERTON	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/04/2015	08:00
Sample Point:	KITCHEN	Date Received:	03/06/2015	11:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	03/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	03/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF56225

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	401 E NEWALL ST,FLINT	Source:	Single Family Dwelling	
Collected By:	MARK CROMWELL SR	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	03/02/2015	09:30
Sample Point:	KITCHEN	Date Received:	03/06/2015	11:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	03/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF56227

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	2615 TRUMBULL AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	JENNIFER PEDERSON	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	02/27/2015	10:00
Sample Point:	KITCHEN	Date Received:	03/06/2015	11:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	03/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54663

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	2205 FLUSHING RD,FLINT	Source:	TYPE I
Collected By:	CHRIS BEATENHEAD	Site Code:	
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/15/2015 06:00
Sample Point:	KITCHEN	Date Received:	02/17/2015 10:47
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	02/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	02/18/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57730

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1220 DECKER ST,FLINT	Source:	Single Family Dwelling	
Collected By:	CARMEN PULIDO	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/17/2015	06:00
Sample Point:	KITCHEN	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57731

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1379 WASHINGTON,FLINT	Source:	Single Family Dwelling	
Collected By:	ROXANNE PUTMAN	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/19/2015	08:30
Sample Point:	KITCHEN	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF57733

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1372 WASHINGTON AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	ANTHONY PALLADENO JR	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/19/2015	08:00
Sample Point:	KITCHEN	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57734

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1383 WASHINGTON AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	ANTHONY PALLADENO III	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/19/2015	08:00
Sample Point:	KITCHEN	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF57735

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1367 WASHINGTON AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	LEAH PALLADENO	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/17/2015	06:00
Sample Point:	MAIN BATHROOM	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF57736

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	1701 MARQUETTE DR,FLINT	Source:	Single Family Dwelling
Collected By:	CHARMA DOMPREH	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	03/14/2015 09:40
Sample Point:	KITCHEN	Date Received:	03/24/2015 11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF58413

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	778 E BUNDY AVE,FLINT	Source:	TYPE I	
Collected By:	SANDRA HULL	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/24/2015	06:25
Sample Point:	MAIN BATHROOM	Date Received:	03/31/2015	11:11
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	04/01/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	04/01/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF58414

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	3714 BEECHER RD,FLINT	Source:	TYPE I	
Collected By:	MELISSA MAYS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/24/2015	06:30
Sample Point:	KITCHEN	Date Received:	03/31/2015	11:11
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.52	04/01/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	04/01/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
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AL : Action Level
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MPN : Most Probable Number
CFU : Colony Forming Unit

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Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
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Sample Number
LF59749

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1016 INGLESIDE AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	JAMES D JARVIS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	04/09/2015	07:00
Sample Point:	KITCHEN	Date Received:	04/14/2015	11:07
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	04/15/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	04/15/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
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Sample Number
LF59750

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1818 ROCK CREEK LN,FLINT	Source:	Single Family Dwelling	
Collected By:	HELEN HUNTER	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	04/06/2015	06:50
Sample Point:	MAIN BATHROOM	Date Received:	04/14/2015	11:07
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	04/15/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	04/15/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF59751

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	3010 CHEYENNE ST,FLINT	Source:	Single Family Dwelling	
Collected By:	GERTRUDE MARSHALL	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	04/03/2015	08:50
Sample Point:	KITCHEN	Date Received:	04/14/2015	11:07
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	04/15/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	04/15/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF60546

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	2606 MOUNTAIN AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	MARIBETH PEREZ	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	04/15/2015	12:00
Sample Point:	KITCHEN	Date Received:	04/21/2015	10:41
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	04/22/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	04/22/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF61845

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	2020 CROOKED LN,FLINT	Source:	Single Family Dwelling	
Collected By:	TRACY & M IKE SARGENT	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	04/24/2015	07:00
Sample Point:	KITCHEN	Date Received:	05/04/2015	10:21
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	05/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	05/05/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF61846

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	310 E MOORE ST,FLINT	Source:	Single Family Dwelling	
Collected By:	HUSTON BOLDEN	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	04/22/2015	07:00
Sample Point:	KITCHEN	Date Received:	05/04/2015	10:21
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	05/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	05/05/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
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Sample Number
LF64283

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	3714 BEECHER RD,FLINT	Source:	Single Family Dwelling
Collected By:	MELISSA MAYS	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	05/14/2015 06:00
Sample Point:	MAIN BATHROOM	Date Received:	05/20/2015 11:24
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	05/21/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	05/21/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF64285

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT		WSSN/Pool ID:	2310	
Collection Address:	912 LEXINGTON AVE,FLINT		Source:	Single Family Dwelling	
Collected By:	LAURA HATT		Site Code:		
Township/Well#/Section:	//		Collector:	Private Citizen	
County:	Genesee		Date Collected:	05/15/2015	09:00
Sample Point:	MAIN BATHROOM		Date Received:	05/20/2015	11:24
Water System:	Treated Public Distribution System		Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	05/21/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	05/21/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF67423

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	344 ROBBIE LN,FLINT	Source:	Single Family Dwelling	
Collected By:	CASSANDRA BROWN	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/31/2015	08:15
Sample Point:	BATHROOM	Date Received:	06/11/2015	10:51
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	06/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	06/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF67424

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	357 ROBBIE LN,FLINT	Source:	Single Family Dwelling	
Collected By:	FRANK EVANS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/31/2015	08:00
Sample Point:	KITCHEN	Date Received:	06/11/2015	10:51
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	06/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	06/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
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Sample Number
LF67425

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	328 ROBBIE LN,FLINT	Source:	Single Family Dwelling
Collected By:	WILLIE TURNER	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	05/30/2015 06:00
Sample Point:	KITCHEN	Date Received:	06/11/2015 10:51
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	06/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	06/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF67427

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	353 ROBBIE LN,FLINT	Source:	Single Family Dwelling
Collected By:	ZETAN EVANS	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	05/30/2015 06:45
Sample Point:	BATHROOM	Date Received:	06/11/2015 10:51
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	06/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	06/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF67428

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	349 ROBBIE LN,FLINT	Source:	Single Family Dwelling	
Collected By:	DORIS NUNN	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/31/2015	08:00
Sample Point:	KITCHEN	Date Received:	06/11/2015	10:51
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	06/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	06/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF68792

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	853 E 7TH ST,FLINT	Source:	Single Family Dwelling	
Collected By:	LAURA STUDACHER	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/12/2015	06:30
Sample Point:	BATHROOM	Date Received:	06/19/2015	11:02
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	06/22/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	06/22/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF68791

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1615 S FRANKLIN AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	VIVAN GRIER	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/14/2015	09:45
Sample Point:	KITCHEN	Date Received:	06/19/2015	11:02
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	06/22/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	06/22/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF68788

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	421 LYON ST,FLINT	Source:	Single Family Dwelling	
Collected By:	SAMUEL J CONDE	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/14/2015	08:34
Sample Point:	KITCHEN	Date Received:	06/19/2015	11:02
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	06/22/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	06/22/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF68789

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	1528 DELAWARE AVE,FLINT	Source:	Single Family Dwelling
Collected By:	CAROL PARKER	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	06/12/2015 05:23
Sample Point:	KITCHEN	Date Received:	06/19/2015 11:02
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	06/22/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	06/22/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF69622

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT		WSSN/Pool ID:	2310	
Collection Address:	920 STOCKER AVE,FLINT		Source:	Single Family Dwelling	
Collected By:	MICHAEL TAYLOR		Site Code:		
Township/Well#/Section:	//		Collector:	Private Citizen	
County:	Genesee		Date Collected:	06/21/2015	10:30
Sample Point:	KITCHEN		Date Received:	06/25/2015	11:52
Water System:	Treated Public Distribution System		Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	06/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	06/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF69623

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	742 LINCOLN AVE,FLINT	Source:	Single Family Dwelling
Collected By:	DANA STIF	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	06/19/2015 07:00
Sample Point:	KITCHEN	Date Received:	06/25/2015 11:52
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	06/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	06/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
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Sample Number
LF69624

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	3517 BENNETT AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	RANDOLPH FREEMAN	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/24/2015	05:05
Sample Point:	KITCHEN	Date Received:	06/25/2015	11:52
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	06/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	06/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF69625

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	1730 OVERHILL DR,FLINT	Source:	Single Family Dwelling
Collected By:	PETER M BADE	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	06/22/2015 05:30
Sample Point:	KITCHEN	Date Received:	06/25/2015 11:52
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	06/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	06/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF69626

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	2117 STANFORD AVE,FLINT	Source:	Single Family Dwelling
Collected By:	CHIMENE HILL	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	06/23/2015 08:20
Sample Point:	MAIN BATHROOM	Date Received:	06/25/2015 11:52
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	06/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	06/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF69627

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT		WSSN/Pool ID:	2310	
Collection Address:	2432 BETA LN,FLINT		Source:	Single Family Dwelling	
Collected By:	JON KINGEN		Site Code:		
Township/Well#/Section:	//		Collector:	Private Citizen	
County:	Genesee		Date Collected:	06/21/2015	07:00
Sample Point:	KITCHEN		Date Received:	06/25/2015	11:52
Water System:	Treated Public Distribution System		Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	06/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	06/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF69628

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	2023 MILLER RD,FLINT	Source:	Single Family Dwelling	
Collected By:	CAROL A HIGGINS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/21/2015	11:00
Sample Point:	KITCHEN	Date Received:	06/25/2015	11:52
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	06/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	06/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF70223

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	3814 WHITTIER,FLINT	Source:	Single Family Dwelling	
Collected By:	BRIAN URCH	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/25/2015	07:33
Sample Point:	BATHROOM	Date Received:	06/30/2015	11:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	07/01/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	07/01/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF70224

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	3120 NORWOOD DR,FLINT	Source:	Single Family Dwelling	
Collected By:	TOM HUTCHINGS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/24/2015	06:20
Sample Point:	BATHROOM	Date Received:	06/30/2015	11:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	07/01/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	07/01/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
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Sample Number
LF70225

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	2122 PIERCE ST,FLINT	Source:	Single Family Dwelling	
Collected By:	KATHLEEN REID	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/21/2015	07:00
Sample Point:	KITCHEN	Date Received:	06/30/2015	11:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	07/01/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	07/01/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF70226

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT		WSSN/Pool ID:	2310	
Collection Address:	3521 BENNETT AVE,FLINT		Source:	Single Family Dwelling	
Collected By:	BRENT WRIGHT		Site Code:		
Township/Well#/Section:	//		Collector:	Private Citizen	
County:	Genesee		Date Collected:	06/25/2015	06:35
Sample Point:	KITCHEN		Date Received:	06/30/2015	11:14
Water System:	Treated Public Distribution System		Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	07/01/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	07/01/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF70227

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	1602 RASPBERRY LN,FLINT	Source:	Single Family Dwelling
Collected By:	BRAD FARRAR	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	06/24/2015 07:15
Sample Point:	KITCHEN	Date Received:	06/30/2015 11:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	07/01/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	07/01/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF70228

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1809 LYNBROOK,FLINT	Source:	Single Family Dwelling	
Collected By:	DAWN STEELE	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/26/2015	04:35
Sample Point:	KITCHEN	Date Received:	06/30/2015	11:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	07/01/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	07/01/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF70229

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	2112 SHERFF,FLINT	Source:	Single Family Dwelling	
Collected By:	KAREN EATON	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/24/2015	09:30
Sample Point:	KITCHEN	Date Received:	06/30/2015	11:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	07/01/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	07/01/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF70231

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	860 SCHAFER ST,FLINT	Source:	Single Family Dwelling
Collected By:	DERRICK JONES	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	06/26/2015 05:27
Sample Point:	KITCHEN	Date Received:	06/30/2015 11:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	07/01/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	07/01/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF71158

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	2110 FLUSHING RD,FLINT	Source:	Single Family Dwelling
Collected By:	SHELLY SANETRIK	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	06/30/2015 08:34
Sample Point:	KITCHEN	Date Received:	07/07/2015 11:34
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	07/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	07/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF71159

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	2300 FLUSHING RD,FLINT	Source:	Single Family Dwelling
Collected By:	CONSTANCE VAUGHN	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	06/29/2015 09:30
Sample Point:	BATHROOM	Date Received:	07/07/2015 11:34
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.28	07/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	07/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF71160

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT		WSSN/Pool ID:	2310	
Collection Address:	2130 FLUSHING RD,FLINT		Source:	Single Family Dwelling	
Collected By:	ROSARIO		Site Code:		
Township/Well#/Section:	//		Collector:	Private Citizen	
County:	Genesee		Date Collected:	06/28/2015	17:46
Sample Point:	BASEMENT		Date Received:	07/07/2015	11:34
Water System:	Treated Public Distribution System		Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	07/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	07/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF71162

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	2202 FLUSHING RD,FLINT	Source:	Single Family Dwelling
Collected By:	BARBARA NELSON	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	06/29/2015 06:30
Sample Point:	KITCHEN	Date Received:	07/07/2015 11:34
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	07/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	07/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF71163

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT		WSSN/Pool ID:	2310	
Collection Address:	2429 FLUSHING RD,FLINT		Source:	Single Family Dwelling	
Collected By:	ROLAND WATSON		Site Code:		
Township/Well#/Section:	//		Collector:	Private Citizen	
County:	Genesee		Date Collected:	06/30/2015	08:00
Sample Point:	KITCHEN		Date Received:	07/07/2015	11:34
Water System:	Treated Public Distribution System		Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	07/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	07/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF71165

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	4013 BROWNELL BLVD,FLINT	Source:	Single Family Dwelling	
Collected By:	ADRIAN AND PHYLLIS JONES	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/29/2015	08:30
Sample Point:	KITCHEN	Date Received:	07/07/2015	11:34
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	07/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	07/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF71166

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	2414 FLUSHING RD,FLINT	Source:	Single Family Dwelling
Collected By:	MICHELLE AND MICHAEL REED	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	06/30/2015 07:30
Sample Point:	KITCHEN	Date Received:	07/07/2015 11:34
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	07/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	07/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF71167

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	1914 PENBROOK LN,FLINT	Source:	Single Family Dwelling
Collected By:	KARL ADKINS	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	06/29/2015 06:00
Sample Point:	KITCHEN	Date Received:	07/07/2015 11:34
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	07/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	07/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF71168

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	3901 LEERDA ST,FLINT	Source:	Single Family Dwelling	
Collected By:	CARNETTA CARTER	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/26/2015	08:25
Sample Point:	KITCHEN	Date Received:	07/07/2015	11:34
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	07/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	07/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF71169

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	3142 MCCLURE,FLINT	Source:	Single Family Dwelling
Collected By:	BOB FARRAR	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	06/26/2015 06:20
Sample Point:	KITCHEN	Date Received:	07/07/2015 11:34
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	07/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	07/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF71170

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	2114 FLUSHING RD,FLINT	Source:	Single Family Dwelling
Collected By:	DAVID PAVLOVICH	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	06/29/2015 08:00
Sample Point:	KITCHEN	Date Received:	07/07/2015 11:34
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	07/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	07/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF72033

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	709 FROST ST,FLINT	Source:	Single Family Dwelling	
Collected By:	MAURCICA GUYNN	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/30/2015	08:15
Sample Point:	BATHROOM	Date Received:	07/10/2015	10:36
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	07/13/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	07/13/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

Michigan Department of Environmental Quality

Replicate Laboratory Report for Lansing Drinking Water Laboratory

Owner/Location Information:

CITY OF FLINT
341 ROBBIE LN
FLINT MI 48505

Sample Number: LLF67426

Sample/Collection Information:

WSSN:
County: Genesee
Township:
Section:
Well #:
Collection Date: 5/31/2015 6:00:00 AM
Arrival Date: 6/11/2015 10:51:10 AM

Site Code:
Water Source: Single Family Dwelling
Sample Reason: Routine Monitoring
Sample Point: Treated Public Distribution System
Point Description: KITCHEN
Collector: Private Citizen
Collected By: FLORISSA STEBBINS

CasNo	Analyte	Result	Detect	Units	Method
7440-50-8	COPPER (RECOVERABLE)	0.05	0.05	mg/L	EPA 200.8
7439-92-1	LEAD (TOTAL)	0.003	0.001	mg/L	EPA 200.8

Laboratory Comments:

By authority of PA 368 of 1978 as amended.

Print Date: Tue Aug 4 14:23:55 EDT 2015

Michigan Department of Environmental Quality

Replicate Laboratory Report for Lansing Drinking Water Laboratory

Owner/Location Information:

CITY OF FLINT
215 BROWNING AVE
FLINT MI 48507

Sample Number: LLF56226

Sample/Collection Information:

WSSN: 02310
County: Genesee
Township:
Section:
Well #:
Collection Date: 3/2/2015 6:30:00 AM
Arrival Date: 3/6/2015 11:33:07 AM

Site Code:
Water Source: Single Family Dwelling
Sample Reason: Routine Monitoring
Sample Point: Treated Public Distribution System
Point Description: KITCHEN
Collector: Private Citizen
Collected By: KEVIN & JENNIFER STARNES

CasNo	Analyte	Result	Detect	Units	Method
7440-50-8	COPPER (RECOVERABLE)	0.16	0.05	mg/L	EPA 200.8
7439-92-1	LEAD (TOTAL)	ND	0.001	mg/L	EPA 200.8

Laboratory Comments:

By authority of PA 368 of 1978 as amended.

Print Date: Tue Aug 4 14:17:25 EDT 2015

Michigan Department of Environmental Quality

Replicate Laboratory Report for Lansing Drinking Water Laboratory

Owner/Location Information:

CITY OF FLINT
201 BROWNING AVE
FLINT MI 48507

Sample Number: LLF56228

Sample/Collection Information:

WSSN: 02310
County: Genesee
Township:
Section:
Well #:
Collection Date: 3/5/2015 9:30:00 AM
Arrival Date: 3/6/2015 11:33:08 AM

Site Code:
Water Source: Single Family Dwelling
Sample Reason: Routine Monitoring
Sample Point: Treated Public Distribution System
Point Description: KITCHEN
Collector: Private Citizen
Collected By: FLOYD BELL

CasNo	Analyte	Result	Detect	Units	Method
7440-50-8	COPPER (RECOVERABLE)	ND	0.05	mg/L	EPA 200.8
7439-92-1	LEAD (TOTAL)	ND	0.001	mg/L	EPA 200.8

Laboratory Comments:

By authority of PA 368 of 1978 as amended.

Print Date: Tue Aug 4 14:17:49 EDT 2015

From: CH-1S-SIDNEY-BARTHWELL
Sent: Thursday, November 05, 2015 10:40 AM
To: Rosenthal, Adam (DEQ)
Subject: Accepted: Flint - AG review

Your request was accepted.

Sent by Microsoft Exchange Server 2016

From: Gohlke, Holly (DEQ)
Sent: Thursday, December 03, 2015 4:55 PM
To: Prysby, Mike (DEQ)
Cc: Philip, Kris (DEQ);Busch, Stephen (DEQ);Rosenthal, Adam (DEQ)
Subject: LCR Sampling-Sugar Tree WSSN: 6575
Attachments: SugarTree PbCu 1.pdf; SugarTree PbCu 2.pdf; SugarTree PbCu 3.pdf

Mike,
Attached is all the paperwork I have on Sugar Tree. Please review and advise on further action needed. My thoughts are that the building laundry faucets are improper sampling locations and the water supply must still collect 2 consecutive 6 month rounds (along with monitoring violations being issued). Let me know how I can further assist.

What I found for sampling history:

8/27/13	5/20/14	9/10/14	9/4/15
Office	Office faucet	Office faucet	Office faucet
Apt 608	Apt 608	Office Bath	Office Bath
Apt 251	Apt 251	Apt 104	Apt 104
Apt 327	Apt 327	Apt 330	Apt 330
Apt 607	Apt 607	Bldg 1 laundry	Bldg 1 laundry
	Apt 128	Bldg 2 laundry	Bldg 2 laundry
	Apt 402	Bldg 3 laundry	Bldg 3 laundry
	Apt 509	Bldg 4 laundry	Bldg 4 laundry
	Apt 331	Bldg 5 laundry	Bldg 5 laundry
	Apt 125	Bldg 6 laundry	Bldg 6 laundry

6575

SUGARTREE APARTMENTS

December 31, 2013

Michigan Department of Enviromental Quality
525 West Allegan 4th Floor North
PO Box 30242
Lansing, MI 48909
Attn: Mike Prysby

DEQ
RESOURCE MANAGEMENT DIVISION
JAN 29 2014
LANSING DISTRICT

Mr. Prysby,

This is Sugartree Apartments response letter for actions taken to comply with the lead and cooper testing.

The supply will first attempt to sample into compliance during the 2 consecutive 6 month rounds of monitoring for 2014. In lieu of corrosion control study.

Sincerely,

Cindy Persails

Cindy Persails, Mgr.
Sugartree Apartments

9070 N. SAGINAW RD · MT. MORRIS, MI 48458 · PH: (810) 687-2420 · F: (810) 687-2948
Office Hours: Monday – Friday, 8:00 am – 5:00 pm, Saturday, 10:00 am – 2:00 pm

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
RESOURCE MANAGEMENT DIVISION

LEAD AND COPPER REPORT AND CONSUMER NOTICE OF LEAD RESULT CERTIFICATE FOR COMMUNITY WATER SUPPLY

Issued under authority of 1976 PA 399 and Administrative Rules, as amended.
Failure to submit this information is a violation of the Act and may subject the water supply to enforcement penalties.

Administrative Rule R 325.10710d requires water supplies to report lead and copper monitoring information within 10 days after the end of the monitoring period. This form may be used to meet this requirement. Submit the information to the appropriate Department of Environmental Quality (DEQ) district office. For district office addresses, visit www.michigan.gov/deq and click on Locations.

1. Water Supply Name: SUGAR TREE APARTMENTS
2. County: GENESSEE 3. WSSN: 6575
4. Population: 174 apts 5. Monitoring Period: From: To:
6. Minimum # of Samples Required: 5 7. # of Samples Taken: 5
8. Name of Certified Laboratory: DEQ STATE LAB

9. SAMPLE CRITERIA:

Yes	No	Explain No responses in Comments block.	
☒	☐	a. Are the same sampling points used as in the previous monitoring period?	
☒	☐	b. Are all samples from Tier 1 sites?	For more information see *Instructions* paragraph 11, subparagraph "Sample Category."
☐	☐	c. Are all samples from Tier 1, 2, or 3 sites giving Tier 1 priority?	
☐	☐	d. If no Tier 1, 2, or 3 sites are available, do all sites have plumbing materials commonly found at other locations in the system?	
☒	☐	e. Is the minimum number of lead service line samples taken (when applicable)?	

Comments:

DEQ
RESOURCE MANAG...
JAN 29 20...
LANSING DISTR...

10. NAME:

Name:

Title: Phone: Date:

5 Samples Got Away.

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County SUGARTREE APARTMENTS WSSN 0575

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumbing[2]	Lead (ppb)	Copper (ppb)	Lab #
OFFICE	8/27/13	Lead & copper	Copper	Copper	ND	ND	LE90426
APT. # 608	8/27/13	Lead & copper	Copper	Copper	.073 mg/L	.060 mg/L	LE90427
APT # 261	8/27/13	Lead & copper	Copper	Copper	.043 mg/L	.15 mg/L	LE90428
APT # 327	8/27/13	Lead & copper	Copper	Copper	.027 mg/L	.22 mg/L	LE90429
APT # 607	8/27/13	Lead & copper	Copper	Copper	.223 mg/L	3.14 mg/L	LE90430

DEQ
RESOURCE MANAGEMENT DIVISION
JAN 29 2014
LANSING DISTRICT

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb	150.5			4
Cu	1900			1

13. WATER QUALITY PARAMETER DATA (when applicable):

System Name/County SUGAR TREE APARTMENTS WSSN 6575

	Sample Location	Date	pH	Alk. (mg/l)	Ca as CaCO3 (mg/l)	Cond. (mmhos)	Temp. (°F)	PO4/Si
Distribution System	OFFICE Bathroom	12/6/13	7.79	220	21	667	64.2 F	N/D
	OFFICE Bathroom	12/17/13	7.75	220	21	667	64.5 F	N/D

	Location	Site Code	Date	pH	Alk. (mg/l)	Ca as CaCO3 (mg/l)	Cond. (mmhos)	Temp. (°F)	PO4/Si
Entry Point to the Dist System	Well House	12/6/13	2:85	220	22	668	66.4 F		N/D
	Well House	12/17/13	7.73	220	21	672	66.6 F		N/D

DEQ
RESOURCE MANAGEMENT DIVISION
JAN 29 2014
LANSING DISTRICT

14. SOURCE WATER QUALITY DATA (when applicable):

Sample Location	Site Code	Date	Lead (ppb)	Copper (ppb)	Lab #
WELL #1		12/17/13	.005	ND	LF05464
well #2		12/17/13	.013	ND	LF05465

Consumer Notice of Lead Result in Drinking Water

Water Supply Name: SUGAR TREE APARTMENTS

County: GENESSEE WSSN: 6575

Sample Location: APT. #607 Date Sampled: 8/27/13

Thank you for participating in the lead and copper monitoring of drinking water. The levels of lead and copper found at your location are in the table below.

Key to Table	Contaminant	AL	MCLG	Your Result
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. ppb: parts per billion or micrograms per liter.	Lead (ppb)	15	0	e 2.2.5
	Copper (ppb)	1300	1300	3.14

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

RECEIVED
RESOURCE MANAGEMENT DIVISION
JAN 29 2014
LANSING DISTRICT

To reduce exposure to lead in drinking water:

- *Run your water to flush out lead.* Run the water until it becomes cold.
- *Use cold water for cooking and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily in hot water.
- *Do not boil water to remove lead.* Boiling water will not reduce lead levels.
- *Look for alternative sources or treatment of water.* If your lead result is above 15 ppb, you may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010, or www.nsf.org for information on performance standards for water filters.
- *Identify if your plumbing fixtures contain lead.* New faucets, fittings, and valves, may contain up to 8 percent lead including those advertised or labeled as "lead-free" and may contribute lead to drinking water. Consumers should be aware of this when choosing fixtures and take appropriate precautions.

Although the primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated soil, the U.S. EPA estimates that 10 to 20 percent of human exposure to lead may come from drinking water.

For more information, contact us at: 810-687-2920

For more information on reducing lead exposure around your home and the health effects of lead, visit the U.S. EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

WSSN: _____

Certification:
I certify that this public water supply has provided the consumer notice of lead result to persons served at each of the taps that was tested, either by mail or by another method approved by the DEQ, within 30 days of knowing the result. The Notice includes required content.

Signature _____ Title _____ Date Sent to Consumer _____

Reminder to water supplier: Complete this certification on only one (1) example copy of a notice sent to a consumer and submit it to the DEQ.

For each location 5.

Consumer Notice of Lead Result in Drinking Water

Water Supply Name: SUGARTREE APARTMENTS

County: GENESSEE WSSN: 6575

Sample Location: Apt #327 Date Sampled: 8/27/13

Thank you for participating in the lead and copper monitoring of drinking water. The levels of lead and copper found at your location are in the table below.

Key to Table	Contaminant	AL	MCLG	Your Result
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. ppb: parts per billion or micrograms per liter.	Lead (ppb)	15	0	.027
	Copper (ppb)	1300	1300	.22

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

RECD
RESOURCE MANAGEMENT DIV...
JAN 29 2014
LANSING DISTRICT

To reduce exposure to lead in drinking water:

- *Run your water to flush out lead.* Run the water until it becomes cold.
- *Use cold water for cooking and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily in hot water.
- *Do not boil water to remove lead.* Boiling water will not reduce lead levels.
- *Look for alternative sources or treatment of water.* If your lead result is above 15 ppb, you may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010, or www.nsf.org for information on performance standards for water filters.
- *Identify if your plumbing fixtures contain lead.* New faucets, fittings, and valves, may contain up to 8 percent lead including those advertised or labeled as "lead-free" and may contribute lead to drinking water. Consumers should be aware of this when choosing fixtures and take appropriate precautions.

Although the primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated soil, the U.S. EPA estimates that 10 to 20 percent of human exposure to lead may come from drinking water.

For more information, contact us at: 810-687-2420

For more information on reducing lead exposure around your home and the health effects of lead, visit the U.S. EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

Certification: WSSN: _____

I certify that this public water supply has provided the consumer notice of lead result to persons served at each of the taps that was tested, either by mail or by another method approved by the DEQ, within 30 days of knowing the result. The Notice includes required content.

Signature _____ Title _____ Date Sent to Consumer _____

Reminder to water supplier: Complete this certification on only one (1) example copy of a notice sent to a consumer and submit it to the DEQ.

For each location 5.

Consumer Notice of Lead Result in Drinking Water

Water Supply Name: SUGAR TREE APARTMENTS

County: GENESSEE WSSN: 6575

Sample Location: APT. #608 Date Sampled: 8/27/13

Thank you for participating in the lead and copper monitoring of drinking water. The levels of lead and copper found at your location are in the table below.

Key to Table	Contaminant	AL	MCLG	Your Result
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. ppb: parts per billion or micrograms per liter.	Lead (ppb)	15	0	.073
	Copper (ppb)	1300	1300	.66

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

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JAN 29
LANSING DISTRICT

To reduce exposure to lead in drinking water:

- *Run your water to flush out lead.* Run the water until it becomes cold.
- *Use cold water for cooking and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily in hot water.
- *Do not boil water to remove lead.* Boiling water will not reduce lead levels.
- *Look for alternative sources or treatment of water.* If your lead result is above 15 ppb, you may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010, or www.nsf.org for information on performance standards for water filters.
- *Identify if your plumbing fixtures contain lead.* New faucets, fittings, and valves, may contain up to 8 percent lead including those advertised or labeled as "lead-free" and may contribute lead to drinking water. Consumers should be aware of this when choosing fixtures and take appropriate precautions.

Although the primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated soil, the U.S. EPA estimates that 10 to 20 percent of human exposure to lead may come from drinking water.

For more information, contact us at: 810-687-2420

For more information on reducing lead exposure around your home and the health effects of lead, visit the U.S. EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

WSSN: _____

Certification:
I certify that this public water supply has provided the consumer notice of lead result to persons served at each of the taps that was tested, either by mail or by another method approved by the DEQ, within 30 days of knowing the result. The Notice includes required content.

Signature _____ Title _____ Date Sent to Consumer _____

Reminder to water supplier: Complete this certification on only one (1) example copy of a notice sent to a consumer and submit it to the DEQ.

For each location 5.

Consumer Notice of Lead Result in Drinking Water

Water Supply Name: SUGARTREE APARTMENTS

County: GENESSEE WSSN: 6574

Sample Location: OFFICE Date Sampled: 8/27/13

Thank you for participating in the lead and copper monitoring of drinking water. The levels of lead and copper found at your location are in the table below.

Key to Table	Contaminant	AL	MCLG	Your Result
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. ppb: parts per billion or micrograms per liter.	Lead (ppb)	15	0	ND
	Copper (ppb)	1300	1300	ND

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

DEQ
RESOURCE MANAGEMENT DIVISION
JAN 29 2014
LANSING DISTRICT

To reduce exposure to lead in drinking water:

- *Run your water to flush out lead.* Run the water until it becomes cold.
- *Use cold water for cooking and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily in hot water.
- *Do not boil water to remove lead.* Boiling water will not reduce lead levels.
- *Look for alternative sources or treatment of water.* If your lead result is above 15 ppb, you may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010, or www.nsf.org for information on performance standards for water filters.
- *Identify if your plumbing fixtures contain lead.* New faucets, fittings, and valves, may contain up to 8 percent lead including those advertised or labeled as "lead-free" and may contribute lead to drinking water. Consumers should be aware of this when choosing fixtures and take appropriate precautions.

Although the primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated soil, the U.S. EPA estimates that 10 to 20 percent of human exposure to lead may come from drinking water.

For more information, contact us at: 810-687-2420

For more information on reducing lead exposure around your home and the health effects of lead, visit the U.S. EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

WSSN: 6575

Certification:
I certify that this public water supply has provided the consumer notice of lead result to persons served at each of the taps that was tested, either by mail or by another method approved by the DEQ, within 30 days of knowing the result. The Notice includes required content.

Signature | Title | Date Sent to Consumer

Reminder to water supplier: Complete this certification on only one (1) example copy of a notice sent to a consumer and submit it to the DEQ.

For each location 5.

Consumer Notice of Lead Result in Drinking Water

Water Supply Name: SUGAR TREE APARTMENTS

County: GENESSEE WSSN: 6575

Sample Location: Apt # 251 Date Sampled: 8/27/13

Thank you for participating in the lead and copper monitoring of drinking water. The levels of lead and copper found at your location are in the table below.

Key to Table	Contaminant	AL	MCLG	Your Result
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. ppb: parts per billion or micrograms per liter.	Lead (ppb)	15	0	.043
	Copper (ppb)	1300	1300	.15

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

DEQ
RESOURCE MANAGEMENT DIVISION
JAN 29 2014
LANSING DISTRICT

To reduce exposure to lead in drinking water:

- *Run your water to flush out lead.* Run the water until it becomes cold.
- *Use cold water for cooking and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily in hot water.
- *Do not boil water to remove lead.* Boiling water will not reduce lead levels.
- *Look for alternative sources or treatment of water.* If your lead result is above 15 ppb, you may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010, or www.nsf.org for information on performance standards for water filters.
- *Identify if your plumbing fixtures contain lead.* New faucets, fittings, and valves, may contain up to 8 percent lead including those advertised or labeled as "lead-free" and may contribute lead to drinking water. Consumers should be aware of this when choosing fixtures and take appropriate precautions.

Although the primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated soil, the U.S. EPA estimates that 10 to 20 percent of human exposure to lead may come from drinking water.

For more information, contact us at: 810-687-2420

For more information on reducing lead exposure around your home and the health effects of lead, visit the U.S. EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

Certification: WSSN: _____

I certify that this public water supply has provided the consumer notice of lead result to persons served at each of the taps that was tested, either by mail or by another method approved by the DEQ, within 30 days of knowing the result. The Notice includes required content.

Signature Title Date Sent to Consumer

Reminder to water supplier: Complete this certification on only one (1) example copy of a notice sent to a consumer and submit it to the DEQ.

For each location 5.

Michigan Department of Environmental Quality

Replicate Laboratory Report for Lansing Drinking Water Laboratory

Owner/Location Information:

Sugartree
9070 N SAGINAW RD OFFICE
MT MORRIS MI 48458

Sample Number: LLE90426

Sample/Collection Information:

WSSN: 0657S
County: Genesee
Township: THETFORD
Section:
Well #:
Collection Date: 8/27/2013 8:00:00 AM
Arrival Date: 8/28/2013 9:02:18 AM

Site Code:
Water Source: Other
Sample Reason: Other
Sample Point: Other
Point Description: KITCHEN
Collector: Other
Collected By:

CasNo	Analyte	Result	Detect	Units	Method
7440-50-8	COPPER (RECOVERABLE)	ND	0.05	mg/L	EPA 200.8
7439-92-1	LEAD (TOTAL)	ND	0.001	mg/L	EPA 200.8

Laboratory Comments:

By authority of PA 368 of 1978 as amended.

Print Date: Tue Nov 26 12:46:46 EST 2013

Pb	Cu
0	0
73	660
43	150
27	220
228	3140

Tot 150 1900

#ML 4 1

Michigan Department of Environmental Quality

Replicate Laboratory Report for Lansing Drinking Water Laboratory

Owner/Location Information:

Sugarfree
9070 N SAGINAW RD APT 608
MT MORRIS MI 48458

Sample Number: LLE90427

Sample/Collection Information:

WSSN: 0675
County: Genesee
Township: THETFORD
Section:
Well #:
Collection Date: 8/27/2013 8:30:00 AM
Arrival Date: 8/28/2013 9:02:18 AM

Site Code:
Water Source: Other
Sample Reason: Other
Sample Point: Other
Point Description: KITCHEN
Collector: Other
Collected By:

CasNo	Analyte	Result	Detect	Units	Method
7440-50-8	COPPER (RECOVERABLE)	0.66	0.05	mg/L	EPA 200.8
7439-92-1	LEAD (TOTAL)	0.073	0.001	mg/L	EPA 200.8

Laboratory Comments:

By authority of PA 368 of 1978 as amended.

Print Date: Tue Nov 26 12:47:12 EST 2013

Michigan Department of Environmental Quality

Replicate Laboratory Report for Lansing Drinking Water Laboratory

Owner/Location Information:

SUGARTREE APTS
9070 N SAGINAW RD APT 251
MT MORRIS MI 48458

Sample Number: LLE90428

Sample/Collection Information:

WSSN: 06575
County: Genesee
Township: THETFORD
Section:
Well #:
Collection Date: 8/27/2013 8:25:00 AM
Arrival Date: 8/28/2013 9:02:19 AM

Site Code:
Water Source: Other
Sample Reason: Other
Sample Point: Other
Point Description: KITCHEN
Collector: Other
Collected By:

CasNo	Analyte	Result	Detect	Units	Method
7440-50-8	COPPER (RECOVERABLE)	0.15	0.05	mg/L	EPA 200.8
7439-92-1	LEAD (TOTAL)	0.043	0.001	mg/L	EPA 200.8

Laboratory Comments:

By authority of PA 368 of 1978 as amended.

Print Date: Tue Nov 26 12:47:47 EST 2013

Michigan Department of Environmental Quality

Replicate Laboratory Report for Lansing Drinking Water Laboratory

Owner/Location Information:

SUGARTREE APARTMENTS
9070 N SAGINAW RD #607
MT MORRIS MI 48458

Sample Number: LLE90430

Sample/Collection Information:

WSSN: 06575
County: Genesee
Township: THETFORD
Section:
Well #:
Collection Date: 8/27/2013 8:25:00 AM
Arrival Date: 8/28/2013 9:02:19 AM

Site Code:
Water Source: Other
Sample Reason: Other
Sample Point: Other
Point Description: KITCHEN
Collector: Other
Collected By:

CasNo	Analyte	Result	Detect	Units	Method
7440-50-8	COPPER (RECOVERABLE)	3.14	0.05	mg/L	EPA 200.8
7439-92-1	LEAD (TOTAL)	0.226	0.001	mg/L	EPA 200.8

Laboratory Comments:

By authority of PA 368 of 1978 as amended.

Print Date: Tue Nov 26 12:48:24 EST 2013

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF04834

Official Laboratory Report

Report To: SUGAR TREE APARTMENTS
9070 N SAGINAW RD
MT MORRIS MI 48458

System Name/Owner:	SUGAR TREE APT	WSSN/Pool ID:	6575
Collection Address:	9070 N SAGINAW RD/WELL HOUSE,MT M(	Source:	TYPE I
Collected By:	JEFF ROTH	Site Code:	FAUCET WELL HOUSE
Township/Well#/Section:	THETFORD//	Collector:	Other
County:	Genesee	Date Collected:	12/16/2013 09:15
Sample Point:	1,2	Date Received:	12/17/2013 08:58
Water System:	Untreated Public Distribution System	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Calcium	22	12/18/2013	0.6		200.7	7440-70-2
Magnesium	6.6	12/18/2013	0.1		200.7	7439-95-4
Ortho-Phospate as P	Not Detected	12/17/2013	0.1		EPA 365.1	7664-38-2
pH Determination	7.85	12/17/2013	2.0		EPA 150.1	PH-00-C
Sodium	110	12/18/2013	5.0		200.7	7440-23-5
Specific Conductance (umhos)	668	12/17/2013	1		EPA 120.1	COND-00-C
Total Alkalinity as CaCO3	220	12/17/2013	20		EPA 310.2	TALK-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF05162

Official Laboratory Report

Report To: SUGAR TREE APARTMENTS
9070 N SAGINAW RD
MT MORRIS MI 48458

System Name/Owner:	SUGAR TREE APT	WSSN/Pool ID:	6575
Collection Address:	9070 N SAGINAW RD/WELL HOUSE,MT MO	Source:	TYPE I
Collected By:	JEFF ROTH	Site Code:	
Township/Well#/Section:	THETFORD//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	12/17/2013 09:15
Sample Point:	WELL HOUSE	Date Received:	12/18/2013 10:14
Water System:	Untreated Public Distribution System	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Calcium	21	12/19/2013	0.6		200.7	7440-70-2
Magnesium	6.3	12/19/2013	0.1		200.7	7439-95-4
Ortho-Phospate as P	Not Detected	12/19/2013	0.1		EPA 365.1	7664-38-2
pH Determination	7.73	12/18/2013	2.0		EPA 150.1	PH-00-C
Sodium	110	12/19/2013	5.0		200.7	7440-23-5
Specific Conductance (umhos)	672	12/18/2013	1		EPA 120.1	COND-00-C
Total Alkalinity as CaCO3	220	12/20/2013	20		EPA 310.2	TALK-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF04833

Official Laboratory Report

Report To: SUGAR TREE APARTMENTS
9070 N SAGINAW RD
MT MORRIS MI 48458

System Name/Owner:	SUGAR TREE APT	WSSN/Pool ID:	6575
Collection Address:	9070 N SAGINAW ST,MT MORRIS	Source:	TYPE I
Collected By:	JEFF ROTH	Site Code:	
Township/Well#/Section:	THETFORD//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	12/16/2013 08:20
Sample Point:	BATH ROOM SINK	Date Received:	12/17/2013 08:58
Water System:	Untreated Public Distribution System	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Calcium	21	12/18/2013	0.6		200.7	7440-70-2
Magnesium	6.5	12/18/2013	0.1		200.7	7439-95-4
Ortho-Phospate as P	Not Detected	12/17/2013	0.1		EPA 365.1	7664-38-2
pH Determination	7.79	12/17/2013	2.0		EPA 150.1	PH-00-C
Sodium	110	12/18/2013	5.0		200.7	7440-23-5
Specific Conductance (umhos)	667	12/17/2013	1		EPA 120.1	COND-00-C
Total Alkalinity as CaCO3	220	12/17/2013	20		EPA 310.2	TALK-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIG DEPARTMENT OF ENVIRONMENTAL JALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF05163

Official Laboratory Report

Report To: SUGAR TREE APARTMENTS
9070 N SAGINAW RD
MT MORRIS MI 48458

System Name/Owner:	SUGAR TREE APART	WSSN/Pool ID:	6575
Collection Address:	9070 N SAGINAW RD/OFFICE BATHRO,MT	Source:	TYPE I
Collected By:	JEFF ROTH	Site Code:	
Township/Well#/Section:	THETFORD//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	12/17/2013 08:30
Sample Point:	BATHROOM SINK	Date Received:	12/18/2013 10:14
Water System:	Untreated Public Distribution System	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Calcium	21	12/19/2013	0.6		200.7	7440-70-2
Magnesium	6.3	12/19/2013	0.1		200.7	7439-95-4
Ortho-Phospate as P	Not Detected	12/19/2013	0.1		EPA 365.1	7664-38-2
pH Determination	7.75	12/18/2013	2.0		EPA 150.1	PH-00-C
Sodium	110	12/19/2013	5.0		200.7	7440-23-5
Specific Conductance (umhos)	667	12/18/2013	1		EPA 120.1	COND-00-C
Total Alkalinity as CaCO3	220	12/20/2013	20		EPA 310.2	TALK-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIG DEPARTMENT OF ENVIRONMENTAL JALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF05164

Official Laboratory Report

Report To: SUGAR TREE APARTMENTS
9070 N SAGINAW RD
MT MORRIS MI 48458

System Name/Owner:	SUGAR TREE APART	WSSN/Pool ID:	6575
Collection Address:	9070 N SAGINAW RD/WELL #1,MT MORRI	Source:	TYPE I
Collected By:	JEFF ROTH	Site Code:	
Township/Well#/Section:	THETFORD//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	12/17/2013 09:30
Sample Point:	WELL #1	Date Received:	12/18/2013 10:14
Water System:	Untreated Public Distribution System	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/19/2013	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/19/2013	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF05165

Official Laboratory Report

Report To: SUGAR TREE APARTMENTS
9070 N SAGINAW RD
MT MORRIS MI 48458

System Name/Owner:	SUGAR TREE APART	WSSN/Pool ID:	6575
Collection Address:	9070 N SAGINAW/WELL #2,MT MORRIS	Source:	TYPE I
Collected By:	JEFF ROTH	Site Code:	
Township/Well#/Section:	THETFORD//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	12/17/2013 10:00
Sample Point:	WELL #2	Date Received:	12/18/2013 10:14
Water System:	Untreated Public Distribution System	Purpose:	Water Quality Problem

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/19/2013	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	12/19/2013	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

6575

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
RESOURCE MANAGEMENT DIVISION

LEAD AND COPPER REPORT AND CONSUMER NOTICE OF LEAD RESULT CERTIFICATE FOR COMMUNITY WATER SUPPLY

Issued under authority of 1976 PA 399 and Administrative Rules, as amended.
Failure to submit this information is a violation of the Act and may subject the water supply to enforcement penalties.

Administrative Rule R 325.10710d requires water supplies to report lead and copper monitoring information within 10 days after the end of the monitoring period. This form may be used to meet this requirement. Submit the information to the appropriate Department of Environmental Quality (DEQ) district office. For district office addresses, visit www.michigan.gov/deq and click on Locations.

1. Water Supply Name: SUGAR TREE APARTMENTS
2. County: GENESEE 3. WSSN: 6575
4. Population: 174 units. 5. Monitoring Period: From: 01/01/14 To: 06/30/14
6. Minimum # of Samples Required: 10 7. # of Samples Taken: 10
8. Name of Certified Laboratory: DEQ STATE LAB

9. SAMPLE CRITERIA:

Yes	No	Explain No responses in Comments block.	
☒	☐	a. Are the same sampling points used as in the previous monitoring period?	
☒	☐	b. Are all samples from Tier 1 sites?	For more information see *Instructions* paragraph 11, subparagraph "Sample Category."
☐	☐	c. Are all samples from Tier 1, 2, or 3 sites giving Tier 1 priority?	
☐	☐	d. If no Tier 1, 2, or 3 sites are available, do all sites have plumbing materials commonly found at other locations in the system?	
☒	☐	e. Is the minimum number of lead service line samples taken (when applicable)?	
Comments:			

10. NAME:

Name: JEFF ROTH
Title: Operations Chief Phone: 810-687-2381 Date: 6/9/2014

DEQ
RESOURCE MANAGEMENT DIVISION
JUL 23 2014
LANSING DISTRICT

AR

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County Sugar Tree Apt. WSSN 6575

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
Apt #128	5/20/2014				N/D	N/D	LF19069
Apt # 402	5/20/2014				N/D	N/D	LF19070
Apt #509	5/20/2014				N/D	N/D	LF19071
Apt #331	5/20/2014				N/D	N/D	LF19072
Apt #125	5/20/2014				N/D	N/D	LF19073
Apt #607	5/20/2014				N/D	N/D	LF19074
[redacted] OFFICE	5/20/2014				N/D	N/D	LF19075
Apt #608	5/20/2014				.002	N/D	LF19076
Apt # 251	5/20/2014				N/D	N/D	LF19077
Apt # 327	5/20/2014				N/D	N/D	LF19078

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb	0			0
Cu	0			0

Consumer Notice of Lead Result in Drinking Water

Water Supply Name: SUGAR TREE APARTMENTS

County: GENESSEE WSSN: 6575

Sample Location: Apt A 509 Date Sampled: 5/20/2014

Thank you for participating in the lead and copper monitoring of drinking water. The levels of lead and copper found at your location are in the table below.

Key to Table	Contaminant	AL	MCLG	Your Result
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. ppb: parts per billion or micrograms per liter.	Lead (ppb)	15	0	N/D
	Copper (ppb)	1300	1300	N/D

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

To reduce exposure to lead in drinking water:

- *Run your water to flush out lead.* Run the water until it becomes cold.
- *Use cold water for cooking and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily in hot water.
- *Do not boil water to remove lead.* Boiling water will not reduce lead levels.
- *Look for alternative sources or treatment of water.* If your lead result is above 15 ppb, you may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010, or www.nsf.org for information on performance standards for water filters.
- *Identify if your plumbing fixtures contain lead.* New faucets, fittings, and valves, may contain up to 8 percent lead including those advertised or labeled as "lead-free" and may contribute lead to drinking water. Consumers should be aware of this when choosing fixtures and take appropriate precautions.

Although the primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated soil, the U.S. EPA estimates that 10 to 20 percent of human exposure to lead may come from drinking water.

For more information, contact us at: 810-687-2420.
For more information on reducing lead exposure around your home and the health effects of lead, visit the U.S. EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

WSSN: 6575

Certification:
I certify that this public water supply has provided the consumer notice of lead result to persons served at each of the taps that was tested, either by mail or by another method approved by the DEQ, within 30 days of knowing the result. The Notice includes required content.

Cindy Persails (Signature) Mgr. (Title) June 10, 14 (Date Sent to Consumer)

Reminder to water supplier: Complete this certification on only one (1) example copy of a notice sent to a consumer and submit it to the DEQ.

Consumer Notice of Lead Result in Drinking Water

Water Supply Name: SUGAR TREE APARTMENTS

County: GENESSEE WSSN: 6575

Sample Location: Apt #402 Date Sampled: 5/20/2014

Thank you for participating in the lead and copper monitoring of drinking water. The levels of lead and copper found at your location are in the table below.

Key to Table	Contaminant	AL	MCLG	Your Result
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. ppb: parts per billion or micrograms per liter.	Lead (ppb)	15	0	N/D
	Copper (ppb)	1300	1300	N/D

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

To reduce exposure to lead in drinking water:

- *Run your water to flush out lead.* Run the water until it becomes cold.
- *Use cold water for cooking and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily in hot water.
- *Do not boil water to remove lead.* Boiling water will not reduce lead levels.
- *Look for alternative sources or treatment of water.* If your lead result is above 15 ppb, you may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010, or www.nsf.org for information on performance standards for water filters.
- *Identify if your plumbing fixtures contain lead.* New faucets, fittings, and valves, may contain up to 8 percent lead including those advertised or labeled as "lead-free" and may contribute lead to drinking water. Consumers should be aware of this when choosing fixtures and take appropriate precautions.

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For more information, contact us at: 810-687-2420

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Certification: WSSN: 6575

I certify that this public water supply has provided the consumer notice of lead result to persons served at each of the taps that was tested, either by mail or by another method approved by the DEQ, within 30 days of knowing the result. The Notice includes required content.

Cindy Kerr Davis — Signature

Mgr. — Title

June 10, 14 — Date Sent to Consumer

Reminder to water supplier: Complete this certification on only one (1) example copy of a notice sent to a consumer and submit it to the DEQ.

Consumer Notice of Lead Result in Drinking Water

Water Supply Name: SUGAR TREE APARTMENTS

County: GENESSEE WSSN: 6575

Sample Location: Apt #128 Date Sampled: 5/20/2014

Thank you for participating in the lead and copper monitoring of drinking water. The levels of lead and copper found at your location are in the table below.

Key to Table	Contaminant	AL	MCLG	Your Result
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. ppb: parts per billion or micrograms per liter.	Lead (ppb)	15	0	N/D
	Copper (ppb)	1300	1300	N/D

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

To reduce exposure to lead in drinking water:

- *Run your water to flush out lead.* Run the water until it becomes cold.
- *Use cold water for cooking and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily in hot water.
- *Do not boil water to remove lead.* Boiling water will not reduce lead levels.
- *Look for alternative sources or treatment of water.* If your lead result is above 15 ppb, you may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010, or www.nsf.org for information on performance standards for water filters.
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For more information, contact us at: 810-687-2420.
For more information on reducing lead exposure around your home and the health effects of lead, visit the U.S. EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

Certification: WSSN: 6575

I certify that this public water supply has provided the consumer notice of lead result to persons served at each of the taps that was tested, either by mail or by another method approved by the DEQ, within 30 days of knowing the result. The Notice includes required content.

Cindy Sands (Signature) Mgr (Title) June 10, 14 (Date Sent to Consumer)

Reminder to water supplier: Complete this certification on only one (1) example copy of a notice sent to a consumer and submit it to the DEQ.

Consumer Notice of Lead Result in Drinking Water

Water Supply Name: SUGAR TREE APARTMENTS

County: GENESSEE WSSN: 6575

Sample Location: Apt #327 Date Sampled: 5/20/2014

Thank you for participating in the lead and copper monitoring of drinking water. The levels of lead and copper found at your location are in the table below.

Key to Table	Contaminant	AL	MCLG	Your Result
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. ppb: parts per billion or micrograms per liter.	Lead (ppb)	15	0	N/D
	Copper (ppb)	1300	1300	N/D

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

To reduce exposure to lead in drinking water:

- *Run your water to flush out lead.* Run the water until it becomes cold.
- *Use cold water for cooking and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily in hot water.
- *Do not boil water to remove lead.* Boiling water will not reduce lead levels.
- *Look for alternative sources or treatment of water.* If your lead result is above 15 ppb, you may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010, or www.nsf.org for information on performance standards for water filters.
- *Identify if your plumbing fixtures contain lead.* New faucets, fittings, and valves, may contain up to 8 percent lead including those advertised or labeled as "lead-free" and may contribute lead to drinking water. Consumers should be aware of this when choosing fixtures and take appropriate precautions.

Although the primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated soil, the U.S. EPA estimates that 10 to 20 percent of human exposure to lead may come from drinking water.

For more information, contact us at: 810-687-2480.
For more information on reducing lead exposure around your home and the health effects of lead, visit the U.S. EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

Certification: WSSN: 6575

I certify that this public water supply has provided the consumer notice of lead result to persons served at each of the taps that was tested, either by mail or by another method approved by the DEQ, within 30 days of knowing the result. The Notice includes required content.

Cindy LeSaint Mgr June 10, 14

Signature Title Date Sent to Consumer

Reminder to water supplier: Complete this certification on only one (1) example copy of a notice sent to a consumer and submit it to the DEQ.

Consumer Notice of Lead Result in Drinking Water

Water Supply Name: SUGAR TREE APARTMENTS

County: GENESSEE WSSN: 6575

Sample Location: APT # 251 Date Sampled: 5/20/2014

Thank you for participating in the lead and copper monitoring of drinking water. The levels of lead and copper found at your location are in the table below.

Key to Table	Contaminant	AL	MCLG	Your Result
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. ppb: parts per billion or micrograms per liter.	Lead (ppb)	15	0	N/D
	Copper (ppb)	1300	1300	N/D

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

To reduce exposure to lead in drinking water:

- *Run your water to flush out lead.* Run the water until it becomes cold.
- *Use cold water for cooking and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily in hot water.
- *Do not boil water to remove lead.* Boiling water will not reduce lead levels.
- *Look for alternative sources or treatment of water.* If your lead result is above 15 ppb, you may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010, or www.nsf.org for information on performance standards for water filters.
- *Identify if your plumbing fixtures contain lead.* New faucets, fittings, and valves, may contain up to 8 percent lead including those advertised or labeled as "lead-free" and may contribute lead to drinking water. Consumers should be aware of this when choosing fixtures and take appropriate precautions.

Although the primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated soil, the U.S. EPA estimates that 10 to 20 percent of human exposure to lead may come from drinking water.

For more information, contact us at: 810-687-2420

For more information on reducing lead exposure around your home and the health effects of lead, visit the U.S. EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

WSSN: 6575

Certification:
I certify that this public water supply has provided the consumer notice of lead result to persons served at each of the taps that was tested, either by mail or by another method approved by the DEQ, within 30 days of knowing the result. The Notice includes required content.

Cindy Persails — Signature
Mgr. — Title
June 10, 14 — Date Sent to Consumer

Reminder to water supplier: Complete this certification on only one (1) example copy of a notice sent to a consumer and submit it to the DEQ.

Consumer Notice of Lead Result in Drinking Water

Water Supply Name: SUGAR TREE APARTMENTS

County: GENESSEE WSSN: 6575

Sample Location: Apt #608 Date Sampled: 5/20/2014

Thank you for participating in the lead and copper monitoring of drinking water. The levels of lead and copper found at your location are in the table below.

Key to Table	Contaminant	AL	MCLG	Your Result
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. ppb: parts per billion or micrograms per liter.	Lead (ppb)	15	0	.002
	Copper (ppb)	1300	1300	N/D

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

To reduce exposure to lead in drinking water:

- *Run your water to flush out lead.* Run the water until it becomes cold.
- *Use cold water for cooking and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily in hot water.
- *Do not boil water to remove lead.* Boiling water will not reduce lead levels.
- *Look for alternative sources or treatment of water.* If your lead result is above 15 ppb, you may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010, or www.nsf.org for information on performance standards for water filters.
- *Identify if your plumbing fixtures contain lead.* New faucets, fittings, and valves, may contain up to 8 percent lead including those advertised or labeled as "lead-free" and may contribute lead to drinking water. Consumers should be aware of this when choosing fixtures and take appropriate precautions.

Although the primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated soil, the U.S. EPA estimates that 10 to 20 percent of human exposure to lead may come from drinking water.

For more information, contact us at: 810-687-2480.
For more information on reducing lead exposure around your home and the health effects of lead, visit the U.S. EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

WSSN: 6575

Certification:
I certify that this public water supply has provided the consumer notice of lead result to persons served at each of the taps that was tested, either by mail or by another method approved by the DEQ, within 30 days of knowing the result. The Notice includes required content.

Cindy Strauss (Signature) Mgr (Title) June 10, 14 (Date Sent to Consumer)

Reminder to water supplier: Complete this certification on only one (1) example copy of a notice sent to a consumer and submit it to the DEQ.

Consumer Notice of Lead Result in Drinking Water

Water Supply Name: SUGAR TREE APARTMENTS

County: GENESSEE WSSN: 6575

Sample Location: OFFICE Date Sampled: 5/20/2014

Thank you for participating in the lead and copper monitoring of drinking water. The levels of lead and copper found at your location are in the table below.

Key to Table	Contaminant	AL	MCLG	Your Result
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. ppb: parts per billion or micrograms per liter.	Lead (ppb)	15	0	N/D
	Copper (ppb)	1300	1300	N/D

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

To reduce exposure to lead in drinking water:

- *Run your water to flush out lead.* Run the water until it becomes cold.
- *Use cold water for cooking and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily in hot water.
- *Do not boil water to remove lead.* Boiling water will not reduce lead levels.
- *Look for alternative sources or treatment of water.* If your lead result is above 15 ppb, you may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010, or www.nsf.org for information on performance standards for water filters.
- *Identify if your plumbing fixtures contain lead.* New faucets, fittings, and valves, may contain up to 8 percent lead including those advertised or labeled as "lead-free" and may contribute lead to drinking water. Consumers should be aware of this when choosing fixtures and take appropriate precautions.

Although the primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated soil, the U.S. EPA estimates that 10 to 20 percent of human exposure to lead may come from drinking water.

For more information, contact us at: 810-687-2420

For more information on reducing lead exposure around your home and the health effects of lead, visit the U.S. EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

WSSN: 6575

Certification:
I certify that this public water supply has provided the consumer notice of lead result to persons served at each of the taps that was tested, either by mail or by another method approved by the DEQ, within 30 days of knowing the result. The notice includes required content.

Cindy Pelaez (Signature) Mgr. (Title) June 10, 14 (Date Sent to Consumer)

Reminder to water supplier: Complete this certification on only one (1) example copy of a notice sent to a consumer and submit it to the DEQ.

Consumer Notice of Lead Result in Drinking Water

Water Supply Name: SUGAR TREE APARTMENTS

County: GENESSEE WSSN: 6575

Sample Location: APT #607 Date Sampled: 5/20/2014

Thank you for participating in the lead and copper monitoring of drinking water. The levels of lead and copper found at your location are in the table below.

Key to Table	Contaminant	AL	MCLG	Your Result
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. ppb: parts per billion or micrograms per liter.	Lead (ppb)	15	0	N/D
	Copper (ppb)	1300	1300	N/D

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

To reduce exposure to lead in drinking water:

- *Run your water to flush out lead.* Run the water until it becomes cold.
- *Use cold water for cooking and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily in hot water.
- *Do not boil water to remove lead.* Boiling water will not reduce lead levels.
- *Look for alternative sources or treatment of water.* If your lead result is above 15 ppb, you may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010, or www.nsf.org for information on performance standards for water filters.
- *Identify if your plumbing fixtures contain lead.* New faucets, fittings, and valves, may contain up to 8 percent lead including those advertised or labeled as "lead-free" and may contribute lead to drinking water. Consumers should be aware of this when choosing fixtures and take appropriate precautions.

Although the primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated soil, the U.S. EPA estimates that 10 to 20 percent of human exposure to lead may come from drinking water.

For more information, contact us at: 810-687-2420

For more information on reducing lead exposure around your home and the health effects of lead, visit the U.S. EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

WSSN: 6575

Certification:
I certify that this public water supply has provided the consumer notice of lead result to persons served at each of the taps that was tested, either by mail or by another method approved by the DEQ, within 30 days of knowing the result. The Notice includes required content.

Cindy Strauss (Signature) Mgr (Title) June 10, 14 (Date Sent to Consumer)

Reminder to water supplier: Complete this certification on only one (1) example copy of a notice sent to a consumer and submit it to the DEQ.

Consumer Notice of Lead Result in Drinking Water

Water Supply Name: SUGAR TREE APARTMENTS

County: GENESSEE WSSN: 6575

Sample Location: Apt #125 Date Sampled: 5/20/2014

Thank you for participating in the lead and copper monitoring of drinking water. The levels of lead and copper found at your location are in the table below.

Key to Table	Contaminant	AL	MCLG	Your Result
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. ppb: parts per billion or micrograms per liter.	Lead (ppb)	15	0	N/D
	Copper (ppb)	1300	1300	N/D

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

To reduce exposure to lead in drinking water:

- *Run your water to flush out lead.* Run the water until it becomes cold.
- *Use cold water for cooking and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily in hot water.
- *Do not boil water to remove lead.* Boiling water will not reduce lead levels.
- *Look for alternative sources or treatment of water.* If your lead result is above 15 ppb, you may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010, or www.nsf.org for information on performance standards for water filters.
- *Identify if your plumbing fixtures contain lead.* New faucets, fittings, and valves, may contain up to 8 percent lead including those advertised or labeled as "lead-free" and may contribute lead to drinking water. Consumers should be aware of this when choosing fixtures and take appropriate precautions.

Although the primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated soil, the U.S. EPA estimates that 10 to 20 percent of human exposure to lead may come from drinking water.

For more information, contact us at: 810-687-2420.
For more information on reducing lead exposure around your home and the health effects of lead, visit the U.S. EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

Certification: WSSN: 6574

I certify that this public water supply has provided the consumer notice of lead result to persons served at each of the taps that was tested, either by mail or by another method approved by the DEQ, within 30 days of knowing the result. The Notice includes required content.

Cindy Persaies (Signature) Mgr. (Title) June 10, 14 (Date Sent to Consumer)

Reminder to water supplier: Complete this certification on only one (1) example copy of a notice sent to a consumer and submit it to the DEQ.

Consumer Notice of Lead Result in Drinking Water

Water Supply Name: SUGAR TREE APARTMENTS

County: GENESSEE WSSN: 6575

Sample Location: Apt #331 Date Sampled: 5/20/2014

Thank you for participating in the lead and copper monitoring of drinking water. The levels of lead and copper found at your location are in the table below.

Key to Table	Contaminant	AL	MCLG	Your Result
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. ppb: parts per billion or micrograms per liter.	Lead (ppb)	15	0	N/D
	Copper (ppb)	1300	1300	N/D

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

To reduce exposure to lead in drinking water:

- *Run your water to flush out lead.* Run the water until it becomes cold.
- *Use cold water for cooking and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily in hot water.
- *Do not boil water to remove lead.* Boiling water will not reduce lead levels.
- *Look for alternative sources or treatment of water.* If your lead result is above 15 ppb, you may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010, or www.nsf.org for information on performance standards for water filters.
- *Identify if your plumbing fixtures contain lead.* New faucets, fittings, and valves, may contain up to 8 percent lead including those advertised or labeled as "lead-free" and may contribute lead to drinking water. Consumers should be aware of this when choosing fixtures and take appropriate precautions.

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For more information, contact us at: 810-687-2420.
For more information on reducing lead exposure around your home and the health effects of lead, visit the U.S. EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

Certification: WSSN: 6575
I certify that this public water supply has provided the consumer notice of lead result to persons served at each of the taps that was tested, either by mail or by another method approved by the DEQ, within 30 days of knowing the result. The Notice includes required content.

Cindy DeSaids (Signature) Mgr. (Title) June 10, 14 (Date Sent to Consumer)

Reminder to water supplier: Complete this certification on only one (1) example copy of a notice sent to a consumer and submit it to the DEQ.

6575

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF DRINKING WATER AND MUNICIPAL ASSISTANCE

LEAD AND COPPER REPORT AND CONSUMER NOTICE OF LEAD RESULT CERTIFICATE FOR COMMUNITY WATER SUPPLY

Issued under authority of 1976 PA 399, MCL 325.1001 *et al.*, and Administrative Rules, as amended.
Failure to submit this information is a violation of Act 399 and may subject the water supply to enforcement penalties.

Administrative Rule R 325.10710d requires water supplies to report lead and copper monitoring information within 10 days after the end of the monitoring period. This form may be used to meet this requirement. Submit the information to the appropriate Department of Environmental Quality (DEQ) district office. For district office addresses, visit www.michigan.gov/deq and click on Locations.

1. Water Supply Name: Sugartree Apartments
2. County: Genesee
3. WSSN: 6575
4. Population: 170
5. Monitoring Period: From: 7/2014 To: 12/2014
6. Minimum # of Samples Required: 10
7. # of Samples Taken: 10
8. Name of Certified Laboratory: Michigan Department of Environmental Quality Drinking Water Laboratory
9. SAMPLE CRITERIA:

Yes	No	Explain No responses in Comments block.	
☑	☐	a. Are the same sampling points used as in the previous monitoring period?	
☑	☐	b. Are all samples from Tier 1 sites?	For more information see *Instructions* paragraph 11, subparagraph "Sample Category."
☐	☐	c. Are all samples from Tier 1, 2, or 3 sites giving Tier 1 priority?	
☐	☐	d. If no Tier 1, 2, or 3 sites are available, do all sites have plumbing materials commonly found at other locations in the system?	
☐	☐	e. Is the minimum number of lead service line samples taken (when applicable)?	

Comments:

10. NAME:

Name: Jason P. Moore

Title: Water System Operator Phone: (810) 965-4310 Date: 3/30/2015

DEQ
RESOURCE MANAGEMENT DIVISION
APR 09 2015
LANSING DISTRICT

AP

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County Sugar Tree Apartments / Genesee WSSN 6575

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
office Bathroom Sink	9/10/2014				ND	ND	LF37629
office Faucet	9/10/2014				ND	ND	LF37632
Building #1 Laundry Faucet	9/10/2014				ND	ND	LF37631
Building #1 Apt. 104	9/10/2014				ND	ND	LF37630
Building #2 Laundry Faucet	9/10/2014				ND	ND	LF37627
Building #3 Apt 330	9/10/2014				ND	ND	LF37626
Building #3 Laundry Faucet	9/10/2014				ND	ND	LF37625
Building #4 Laundry Faucet	9/10/2014				ND	ND	LF37624
Building #5 Laundry Faucet	9/10/2014				ND	ND	LF37628
Building #6 Laundry Faucet	9/10/2014				ND	ND	LF37623

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb	0			0
Cu	0			0

Consumer Notice of Lead Result in Drinking Water

Water Supply Name: Sugartree Apartments

County: Genesee WSSN: 6575

Sample Location: office bathroom sink Date Sampled: 9/10/2014

Thank you for participating in the lead and copper monitoring of drinking water. The levels of lead and copper found at your location are in the table below.

Key to Table	Contaminant	AL	MCLG	Your Result
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. **Maximum Contaminant Level Goal (MCLG):** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. ppb: parts per billion or micrograms per liter.	Lead (ppb)	15	0	ND
	Copper (ppb)	1300	1300	ND

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

To reduce exposure to lead in drinking water:

- *Run your water to flush out lead.* Run the water until it becomes cold.
- *Use cold water for cooking and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily in hot water.
- *Do not boil water to remove lead.* Boiling water will not reduce lead levels.
- *Look for alternative sources or treatment of water.* If your lead result is above 15 ppb, you may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010, or www.nsf.org for information on performance standards for water filters.
- *Identify if your plumbing fixtures contain lead.* New faucets, fittings, and valves, may contain up to 8 percent lead including those advertised or labeled as "lead-free" and may contribute lead to drinking water. Consumers should be aware of this when choosing fixtures and take appropriate precautions.

Although the primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated soil, the U.S. EPA estimates that 10 to 20 percent of human exposure to lead may come from drinking water.

For more information, contact us at: (810) 547-5718

For more information on reducing lead exposure around your home and the health effects of lead, visit the U.S. EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

Certification: WSSN: 6575

I certify that this public water supply has provided the consumer notice of lead result to persons served at each of the taps that was tested, either by mail or by another method approved by the DEQ, within 30 days of knowing the result. The Notice includes required content.

Signature | water operator (Title) | 9/25/2014 (Date Sent to Consumer)

Reminder to water supplier: Complete this certification on only one (1) example copy of a notice sent to a consumer and submit it to the DEQ.

10/5

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF81148

Official Laboratory Report

Report To: SUGARTREE APARTMENTS
9070 N SAGINAW ST
MT MORRIS MI 48458

System Name/Owner:	SUGARTREE APARTMENTS	WSSN/Pool ID:	6575	
Collection Address:	9070 N SAGINAW ST,MT MORRIS	Source:	TYPE I	
Collected By:	JASON P MOORE	Site Code:		
Township/Well#/Section:	THETFORD//	Collector:	Other	
County:	Genesee	Date Collected:	09/01/2015	11:15
Sample Point:	BUILDING 2 LAUNDRY FAUCET	Date Received:	09/03/2015	09:43
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	09/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	09/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF81149

Official Laboratory Report

Report To: SUGARTREE APARTMENTS
9070 N SAGINAW ST
MT MORRIS MI 48458

System Name/Owner:	SUGARTREE APARTMENTS	WSSN/Pool ID:	6575	
Collection Address:	9070 N SAGINAW ST,MT MORRIS	Source:	TYPE I	
Collected By:	JASON P MOORE	Site Code:		
Township/Well#/Section:	THETFORD//	Collector:	Other	
County:	Genesee	Date Collected:	09/01/2015	11:00
Sample Point:	BLD 1 LAUNDRY FAUCET	Date Received:	09/03/2015	09:43
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	09/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	09/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF81150

Official Laboratory Report

Report To: SUGARTREE APARTMENTS
9070 N SAGINAW ST
MT MORRIS MI 48458

System Name/Owner:	SUGARTREE APARTMENTS	WSSN/Pool ID:	6575	
Collection Address:	9070 N SAGINAW ST,MT MORRIS	Source:	TYPE I	
Collected By:	JASON P MOORE	Site Code:		
Township/Well#/Section:	THETFORD//	Collector:	Other	
County:	Genesee	Date Collected:	09/01/2015	11:40
Sample Point:	BLDG 5 LAUNDRY FAUCET	Date Received:	09/03/2015	09:43
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	09/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	09/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF81151

Official Laboratory Report

Report To: SUGARTREE APARTMENTS
9070 N SAGINAW ST
MT MORRIS MI 48458

System Name/Owner:	SUGARTREE APARTMENTS	WSSN/Pool ID:	6575	
Collection Address:	9070 N SAGINAW ST,MT MORRIS	Source:	TYPE I	
Collected By:	JASON P MOORE	Site Code:		
Township/Well#/Section:	THETFORD//	Collector:	Other	
County:	Genesee	Date Collected:	09/01/2015	11:45
Sample Point:	BLDG 4 LAUNDRY FAUCET	Date Received:	09/03/2015	09:43
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	09/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	09/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF81152

Official Laboratory Report

Report To: SUGARTREE APARTMENTS
9070 N SAGINAW ST
MT MORRIS MI 48458

System Name/Owner:	SUGARTREE APARTMENTS	WSSN/Pool ID:	6575	
Collection Address:	9070 N SAGINAW ST,MT MORRIS	Source:	TYPE I	
Collected By:	JASON P MOORE	Site Code:		
Township/Well#/Section:	THETFORD//	Collector:	Other	
County:	Genesee	Date Collected:	09/01/2015	11:20
Sample Point:	BLDG 3 APARTMENT 330	Date Received:	09/03/2015	09:43
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	09/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	09/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF81153

Official Laboratory Report

Report To: SUGARTREE APARTMENTS
9070 N SAGINAW ST
MT MORRIS MI 48458

System Name/Owner:	SUGARTREE APARTMENTS	WSSN/Pool ID:	6575	
Collection Address:	9070 N SAGINAW ST,MT MORRIS	Source:	TYPE I	
Collected By:	JASON P MOORE	Site Code:		
Township/Well#/Section:	THETFORD//	Collector:	Other	
County:	Genesee	Date Collected:	09/01/2015	11:50
Sample Point:	BLDG 6 LAUNDRY FAUCET	Date Received:	09/03/2015	09:43
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	09/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	09/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF81154

Official Laboratory Report

Report To: SUGARTREE APARTMENTS
9070 N SAGINAW ST
MT MORRIS MI 48458

System Name/Owner:	SUGARTREE APARTMENTS	WSSN/Pool ID:	6575	
Collection Address:	9070 N SAGINAW ST,MT MORRIS	Source:	TYPE I	
Collected By:	JASON P MOORE	Site Code:		
Township/Well#/Section:	THETFORD//	Collector:	Other	
County:	Genesee	Date Collected:	09/01/2015	11:10
Sample Point:	BLDG 1 APARTMENT 104	Date Received:	09/03/2015	09:43
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	09/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	09/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF81155

Official Laboratory Report

Report To: SUGARTREE APARTMENTS
9070 N SAGINAW ST
MT MORRIS MI 48458

System Name/Owner:	SUGARTREE APARTMENTS	WSSN/Pool ID:	6575	
Collection Address:	9070 N SAGINAW ST,MT MORRIS	Source:	TYPE I	
Collected By:	JASON P MOORE	Site Code:		
Township/Well#/Section:	THETFORD//	Collector:	Other	
County:	Genesee	Date Collected:	09/01/2015	10:50
Sample Point:	OFFICE BATHROOM SINK	Date Received:	09/03/2015	09:43
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	09/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	09/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF81156

Official Laboratory Report

Report To: SUGARTREE APARTMENTS
9070 N SAGINAW ST
MT MORRIS MI 48458

System Name/Owner:	SUGARTREE APARTMENTS	WSSN/Pool ID:	6575	
Collection Address:	9070 N SAGINAW ST,MT MORRIS	Source:	TYPE I	
Collected By:	JASON P MOORE	Site Code:		
Township/Well#/Section:	THETFORD//	Collector:	Other	
County:	Genesee	Date Collected:	09/01/2015	10:45
Sample Point:	OFFICE FAUCET	Date Received:	09/03/2015	09:43
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	09/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	09/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF81157

Official Laboratory Report

Report To: SUGARTREE APARTMENTS
9070 N SAGINAW ST
MT MORRIS MI 48458

System Name/Owner:	SUGARTREE APARTMENTS	WSSN/Pool ID:	6575	
Collection Address:	9070 N SAGINAW ST,MT MORRIS	Source:	TYPE I	
Collected By:	JASON P MOORE	Site Code:		
Township/Well#/Section:	THETFORD//	Collector:	Other	
County:	Genesee	Date Collected:	09/01/2015	11:25
Sample Point:	BLDG 3 LAUNDRY FAUCET	Date Received:	09/03/2015	09:43
Water System:	Untreated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	09/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	09/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

Message

From: Julien, Tom (DEQ) [/O=MIGOV/OU=FIRST ADMINISTRATIVE GROUP/CN=RECIPIENTS/CN=JULIENT]
Sent: 2/8/2012 6:05:07 PM
To: Rosenthal, Adam (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd8a68b2ca8b48ca9daef33d204269c0-Rosenthal Adam]
CC: Hall, Ben (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fa2fb519598848ab8bd32dea0e7e2067-Hall Ben]; Bennett, Charles (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=f793b917dcde4c8eb6e3e62f813a5008-Bennett Charles]; Bodnar, Brent (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b7c24fef60c4479d8d0fed38888ab20b-Bodnar Brent]; Vanderlaan, Mary (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=4a0cd465b1494122b9533dcd64b21088-Vanderlaan Mary]; VanOtteren, Bruce (DNR) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6dfa1f002684436684bfb039c5ad7569-VanOtteren Bruce]; Prysby, Mike (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5db07892eaa740c09adbb62a79add8f4-Prysby Mike]
Subject: FW: NRC#1002464 - Genessee Cty Oil Spill

Adam,

As we discussed, not sure if spill could impact Flint River which is listed as having a public water supply intake for Flint. Spill listed as near a drain close to Sister Lake 2-3 miles from Flint River. Listed as having occurred on 2/3/12 (Friday).

Please see below PEAS incident report number NRC-1002464

Thanks!

Tom Julien, On Call
MDEQ-PEAS
Office: 517-335-3711
PEAS Cell: PPI

-----Original Message-----
From: Julien, Tom (DEQ)
Sent: Wednesday, February 08, 2012 11:45 AM
To: Hall, Ben (DEQ)
Cc: VanOtteren, Bruce (DNR); Bennett, Charles (DEQ); Bodnar, Brent (DEQ); Vanderlaan, Mary (DEQ)
Subject: FW: NRC#1002464 - Genessee Cty Oil Spill

500 gal oil spill reported. Spill nearby drain which is tributary of Sister Lake. Possible water impact.

Please see below PEAS incident report number NRC-1002464

Please confirm receipt of this incident information, and if possible advise as to lead staff!

Thanks!

Tom Julien, On Call
MDEQ-PEAS
Office: 517-335-3711
PEAS Cell: PPI

-----Original Message-----
From: HQS-PF-fldr-NRC@uscg.mil [mailto:HQS-PF-fldr-NRC@uscg.mil]
Sent: Wednesday, February 08, 2012 11:28 AM
To: Schleusener, Paul (DEQ); Julien, Tom (DEQ); Lawson, Autumn (DEQ); Yocum, William (DEQ); Mroczkowski, Kenneth (DEQ)
Subject: NRC#1002464

NATIONAL RESPONSE CENTER 1-800-424-8802

GOVERNMENT USE ONLYGOVERNMENT USE ONLY***
Information released to a third party shall comply with any applicable federal and/or state Freedom of Information and Privacy Laws

Incident Report # 1002464

INCIDENT DESCRIPTION

*Report taken by: CIV NICHAULUS THREATT at 11:20 on 08-FEB-12
Incident Type: STORAGE TANK
Incident Cause: UNKNOWN
Affected Area: NEARBY DRAIN
Incident was discovered on 03-FEB-12 at 12:00 local incident time.
Affected Medium: WATER NEARBY DRAIN > SISTER LAKE, SOIL

REPORTING PARTY

Name: ANONYMOUS

PRIMARY Phone: (111)1111111
Type of Organization: OTHER

SUSPECTED RESPONSIBLE PARTY

Name: UNKNOWN

XX

INCIDENT LOCATION

ON FARRAND RD. County: GENESEE
ON THE NORTHSIDE OF THE ROAD
City: OTTER LAKE State: MI
BETWEEN BLUEBERRY LANE & WASHBURN RD.

RELEASED MATERIAL(S)

CHRIS Code: OUN Official Material Name: UNKNOWN OIL
Also Known As:
Qty Released: 500 GALLON(S) Qty in Water: 0 UNKNOWN AMOUNT

DESCRIPTION OF INCIDENT

CALLER IS MAKING A REPORT INVOLVING WHAT LOOKS TO BE A 2,000 GALLON STORAGE TANK SITTING APPROX. 100 FEET FROM THE ROAD THAT WAS TIPPED OVER AND SPILLING AN UNKNOWN OIL.

SENSITIVE INFORMATION

INCIDENT DETAILS

Description of Tank: 2,000 GALLON STORAGE TANK
Tank Above/Below Ground: ABOVE
Transportable Container: UNKNOWN
Tank Regulated: UNKNOWN
Tank Regulated By:
Tank ID: N/A
Capacity of Tank: 2000 GALLON(S)
Actual Amount: 0 UNKNOWN AMOUNT
---WATER INFORMATION---
Body of Water: NEARBY DRAIN
Tributary of: SISTER LAKE
Nearest River Mile Marker:
Water Supply Contaminated: UNKNOWN

IMPACT

Fire Involved: NO Fire Extinguished: UNKNOWN

INJURIES: NO Hospitalized: Empl/Crew: Passenger:
FATALITIES: NO Empl/Crew: Passenger: Occupant:

EVACUATIONS:NO Who Evacuated: Radius/Area:

Damages: NO

Closure Type	Description of Closure	Hours Closed	Direction of Closure
Air:	N		
Road:	N		Major Artery:N
Waterway:	N		
Track:			

Environmental Impact: UNKNOWN
Media Interest: NONE Community Impact due to Material:

REMEDIAL ACTIONS

NONE
Release Secured: UNKNOWN
Release Rate:
Estimated Release Duration:

WEATHER

Weather: CLEAR, °F

ADDITIONAL AGENCIES NOTIFIED

Federal: NONE
State/Local: NONE
State/Local On Scene:
State Agency Number:

NOTIFICATIONS BY NRC

ATLANTIC STRIKE TEAM (MAIN OFFICE)
   08-FEB-12 11:27 (609)7240008
DHS NOC (NOC)
   08-FEB-12 11:27 (202)2828114
CG INVESTIGATIVE SERVICE DETROIT (RESIDENT AGENT OFFICE, DETROIT)
   08-FEB-12 11:27 (586)2396759
DOT CRISIS MANAGEMENT CENTER (MAIN OFFICE)
   08-FEB-12 11:27 (202)3661863
U.S. EPA V (MAIN OFFICE)
   (312)3532318
MICHIGAN DEPT OF COMMUNITY HEALTH (HSEES)
   08-FEB-12 11:27 (517)3358364
MI INTELLIGENCE OPERATIONS CENTER (FUSION CENTER)
   08-FEB-12 11:27 (517)2418000
MI INTELLIGENCE OPERATIONS CENTER (CIP DESK)
   08-FEB-12 11:27 (517)3350262
NATIONAL INFRASTRUCTURE COORD CTR (MAIN OFFICE)
   08-FEB-12 11:27 (202)2829201
NOAA RPTS FOR MI (MAIN OFFICE)
   08-FEB-12 11:27 (206)5264911
MICHIGAN DEQ (MAIN OFFICE)
   08-FEB-12 11:27 (800)2924706
MICHIGAN DEQ (MAIN OFFICE 2)
   08-FEB-12 11:27 (517)2411252

ADDITIONAL INFORMATION

CALLER HAD NO ADDITIONAL COMMENTS.

*** END INCIDENT REPORT #1002464 ***
Report any problems by calling 1-800-424-8802
PLEASE VISIT OUR WEB SITE AT http://www.nrc.uscg.mil

From: Michael Glasgow <mglasgow@cityofflint.com>
Sent: Monday, October 06, 2014 3:05 PM
To: Rosenthal, Adam (DEQ)
Subject: Re: bacti info
Attachments: August 2014 - MOR Bacteria.xlsx

Adam,

Here is the August bacteria summary.

Mike

On Mon, Oct 6, 2014 at 2:09 PM, Rosenthal, Adam (DEQ) <ROSENTHALA@michigan.gov> wrote:

Mike, can you send me the summary for August also.

thanks,

Adam Rosenthal, EQA

MDEQ – Office of Drinking Water and Municipal Assistance

Lansing District – Constitution Hall 1SW

PO Box 30242

Lansing, MI 48909

517-284-6644

fax: 517-241-3571

From: Michael Glasgow [mailto:mglasgow@cityofflint.com]
Sent: Monday, October 06, 2014 1:49 PM
To: Rosenthal, Adam (DEQ)
Cc: Brent Wright
Subject: Re: bacti info

Adam,

Good afternoon, I have attached the bacteria sample information you requested below. I just copied the final 3 pages of our September MOR. Let me know if there is anything else you need. I have also attached Bromate test results for September, that I just received today.

Mike Glasgow

On Mon, Oct 6, 2014 at 9:26 AM, Rosenthal, Adam (DEQ) <ROSENTHALA@michigan.gov> wrote:

Morning Gentlemen, we are preparing a MCL letter regarding the incidents in Aug. & Sept. and I need the total number of bacti samples collected in those months. If you can just tell me the numbers for now that will be sufficient.

thanks,

Adam Rosenthal, EQA

MDEQ – Office of Drinking Water and Municipal Assistance

Lansing District – Constitution Hall 1SW

PO Box 30242

Lansing, MI 48909

517-284-6644

fax: 517-241-3571

	A	B	C	D	E
1	**Distribution System Monitoring**				City of Flint Water Treatment Plant
2					
3	Date	Free Chlorine Residual at Bacteriological Montioring Stations mg/l			
4					
5		1	2	3	4
6					
7					
8	1				
9	2				
10	3				
11	4				
12	5				
13	6	0.3	0.8	0.3	0.3
14	7	0.7	0.9	0.2	0.6
15	8				
16	9				
17	10				
18	11				
19	12	0.1	0.4	0.1	0.1
20	13	0.2	0.2	0.1	0.0
21	14	0.4	0.8	0.2	0.2
22	15				
23	16				
24	17				
25	18				
26	19	0.1	0.3	0.1	0.0
27	20	0.2	0.8	0.1	0.3
28	21	0.2	0.5	0.2	0.1
29	22	0.2	0.6	0.2	0.5
30	23				
31	24				
32	25				
33	26	0.1	0.5	0.1	0.3
34	27	0.1	0.4	0.1	0.2
35	28	0.2	0.4	0.1	0.4
36	29				
37	30				
38	31				
39					
40	Distribution Sample Summary				
41	Total # of routine distribution samples analyzed				

	F	G	H	I	J	K	L	M	N
1							August 2014		
2	**WSSN: 2310**								
3									
4									
5	5	6	7	8	CS	WR	Number of Samples		
6									
7									
8							0		
9							0		
10							0		
11							0		
12							0		
13	0.1	0.2	0.1	0.9	0.3	0.2	10		
14	0.1	0.2	0.1	1.0	0.1	1.5	10		
15							0		
16							0		
17							0		
18					0.2	0.0	2		
19	0.1	0.2	0.1	0.5	0.0	0.1	10		
20	0.0	0.5	0.5	1.2	0.0	1.3	10		
21	0.0	0.1	0.0	1.0	0.6	0.4	10		
22							0		
23							0		
24							0		
25							0		
26	0.1	0.1	0.1	1.1	0.6	0.9	10		
27	0.1	0.2	0.3	1.0	0.4	0.5	10		
28	0.0	0.0	0.1	0.9	0.1	0.9	10		
29	0.3	0.1	0.0	0.9	0.6	1.1	10		
30							0		
31							0		
32							0		
33	0.0	0.2	0.1	0.8	1.1	0.7	10		
34	0.1	0.1	0.1	0.7	0.4	0.5	10		
35	0.1	0.2	0.1	1.0	0.9	1.0	10		
36					0.9	1.0	2		
37							0		
38							0		
39									
40					Distribution Disinfectant Total Residual Summary				
41		124			Percentage of samples with a detectable disinfectant residual				

	O	P	Q	R	S	T	U
1		Page 7		**Distribution System Monitoring**			
2							
3				Date	Total Chlorine Residual at Bacteriological Montioring Stations mg/l		
4							
5					1	2	3
6							
7							
8				1			
9				2			
10				3			
11				4			
12				5			
13				6	0.6	1.1	0.5
14				7	0.9	1.3	0.5
15				8			
16				9			
17				10			
18				11			
19				12	0.3	0.6	0.3
20				13	0.4	0.5	0.2
21				14	0.7	1.1	0.4
22				15			
23				16			
24				17			
25				18			
26				19	0.3	0.6	0.2
27				20	0.4	1.2	0.3
28				21	0.4	1.1	0.4
29				22	0.4	1.0	0.4
30				23			
31				24			
32				25			
33				26	0.3	0.9	0.9
34				27	0.3	0.7	0.2
35				28	0.5	0.7	0.3
36				29			
37				30			
38				31			
39							
40					Distribution Disinfectant Total Residual Summary		
41		91%			Percent samples with a detectable disinfectant residual		

	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG
1	City of Flint Water Treatment Plant							August 2014				Page 8
2		**WSSN: 2310**										
3												
4												
5	4	5	6	7	8	CS	WR	Number of Samples				
6												
7												
8								0				
9								0				
10								0				
11								0				
12								0				
13	0.5	0.2	0.3	0.2	1.2	0.5	0.3	10				
14	0.9	0.4	0.4	0.3	1.2	0.4	2.0	10				
15								0				
16								0				
17								0				
18								0				
19	0.2	0.1	0.3	0.2	0.7	0.1	0.1	10				
20	0.7	0.1	0.3	0.1	1.5	0.1	1.6	10				
21	0.4	0.1	0.2	0.1	1.4	0.9	0.6	10				
22								0				
23								0				
24								0				
25								0				
26	0.3	0.1	0.2	0.1	1.3	0.9	1.1	10				
27	0.7	0.3	0.4	0.5	1.5	0.7	1.0	10				
28	0.3	0.1	0.2	0.2	1.3	0.3	1.1	10				
29	0.9	0.5	0.2	0.1	1.1	0.8	1.4	10				
30								0				
31								0				
32								0				
33	0.6	0.1	0.5	0.3	1.3	1.5	1.2	10				
34	0.3	0.2	0.2	0.2	1.1	0.7	0.8	10				
35	0.8	0.3	0.5	0.3	1.5	1.6	1.5	10				
36						1.3	1.5	2				
37								0				
38								0				
39												
40												
41				100%								

	AH	AI	AJ	AK	AL	AM	AN
1	**Distribution System Monitoring**			City of Flint Water Treatment Plant		August 2014	Page 9
2					**WSSN: 2310**		
3							
4		Positive Distribution Samples					
5		Date	Monitoring station	Date	Repeat Monitoring Stations	Present or Absent	
6		8/12/2014	3606 Corunna Rd	8/13/2014	3606 Corunna Rd	Present	
7				8/13/2014	3521 Corunna Rd	Present	
8				8/13/2014	3614 Corunna Rd.	Present	
9		8/12/2014	2501 Flushing Rd	8/13/2014	2501 Flushing Rd	Present	
10				8/13/2014	1117 N. Chevrolet	Present	
11				8/13/2014	2740 Flushing Rd	Present	
12		8/12/2014	1100 Cedar St.	8/13/2014	1100 Cedar St.	Present	
13				8/13/2014	1035 Ann Arbour St	Present	
14				8/13/2014	702 W. 12th St	Absent	
15		8/14/2014	2501 Flushing Rd	8/15/2014	2501 Flushing Rd	Absent	
16				8/15/2014	1117 N. Chevrolet	Present	
17				8/15/2014	2740 Flushing Rd	Absent	
18				8/16/2014	2501 Flushing Rd	Absent	
19				8/16/2014	1117 N. Chevrolet	Present	
20				8/16/2014	2740 Flushing Rd	Absent	
21				8/17/2014	1117 N. Chevrolet	Absent	
22				8/18/2014	2501 Flushing Rd	Absent	
23				8/18/2014	1117 N. Chevrolet	Absent	
24				8/18/2014	2740 Flushing Rd	Absent	
25		8/22/2014	5018 Clio Rd.	8/23/2014	5018 Clio Rd.	Absent	
26				8/23/2014	5005 Cloverlawn Dr.	Absent	
27				8/23/2014	4930 Clio Rd.	Absent	
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							

	A	B	C	D	E
42	Total # of routine distribution samples required				
43					
44	Distribution Bacteriological Summary				
45	Total # of positive routine distribution samples				
46	Percent of routine distribution samples positive				
47					
48					
49	Positive Distribution Samples				
50	Date		Monitoring Station		
51			See page 9		

	F	G	H	I	J	K	L	M	N
42		100							
43					Average disinfectant residual this month				
44									
45		15							
46		12%							
47									
48									
49									
50		Date		Repeat Monitorong Stations					Residual
51									

	O	P	Q	R	S	T	U
42					Average disinfectant residual this month		
43		0.37					
44							
45							
46							
47							
48							
49							
50	Positive or Negative						
51							

	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG
42				0.6								
43												
44												
45												
46												
47												
48												
49												
50												
51												

From: Deming, Susan (DCH)
Sent: Monday, March 02, 2015 1:18 PM
To: Busch, Stephen (DEQ);Rosenthal, Adam (DEQ);Prysby, Mike (DEQ)
Cc: Cook, Pat (DEQ);Farrell, Chris (DCH)
Subject: FW: Flint-anti-fluoridation

Unsure if you guys are aware of this:

- http://www.abc12.com/news/headlines/Concerned-Citizens-Group-hold-water-rally-outside-Flint-Water-Plant-294265781.html
- http://www.minbcnews.com/news/story.aspx?id=1170271#.VPSdJC5i_Yg
- https://www.youtube.com/watch?v=2ubblZB-Dz0
- https://www.youtube.com/watch?v=Q9Nv6qhOEMc

Let me know if I can help with current information. Thanks!

Susan Deming RDH, RDA, BS
Education/Fluoridation Coordinator
Michigan Dept of Comm Health
Oral Health Program
demings@michigan.gov
517 373-3624
OH Mailbox fx: 517 346-9862
Regular Fx: 517 335-8697

From: April Stopczynski [mailto:astop@michigandental.org]
Sent: Monday, March 02, 2015 12:52 PM
To: Deming, Susan (DCH); Karlene Ketola
Subject: Flint

This message was sent securely using ZixCorp

- http://www.abc12.com/news/headlines/Concerned-Citizens-Group-hold-water-rally-outside-Flint-Water-Plant-294265781.html
- http://www.minbcnews.com/news/story.aspx?id=1170271#.VPSdJC5i_Yg
- https://www.youtube.com/watch?v=2ubblZB-Dz0
- https://www.youtube.com/watch?v=Q9Nv6qhOEMc

April Stopczynski
Michigan Dental Association
Manager of Access and Prevention
3657 Okemos Rd.
Okemos, MI 48864
astop@michigandental.org
www.smilemichigan.com
Direct Line: 517/346-9417

Fax: 517/372-0008

This message was secured by ZixCorp(R).

From:	Shekter Smith, Liane (DEQ)
Sent:	Monday, November 16, 2015 11:50 AM
To:	Benzie, Richard (DEQ);Busch, Stephen (DEQ);Prysby, Mike (DEQ);Philip, Kris (DEQ);Rosenthal, Adam (DEQ);Cook, Pat (DEQ)
Cc:	Kuhl, Richard (AG)
Subject:	DEQ's Outline of Flint Drinking Water Issues for Flint Water Task Force - Attorney Client Privilege Work Product 11-16
Attachments:	DEQ's Outline of Flint Drinking Water Issues for Flint Water Task Force - Attorney Client Privilege Work Product 11-16.docx

Attorney-Client Privilege

From:	Devereaux, Tracy Jo (DEQ)
Sent:	Monday, November 16, 2015 9:49 PM
To:	Kuhl, Richard (AG);Bettenhausen, Margaret (AG);Sygo, Jim (DEQ);Krisztian, George (DEQ);Pallone, Maggie (DEQ);Wurfel, Brad (DEQ);Tommasulo, Karen (DEQ);Anderson, Madhu (DEQ);Wyant, Dan (DEQ);Shekter Smith, Liane (DEQ)
Cc:	Rosenthal, Adam (DEQ);Busch, Stephen (DEQ);Philip, Kris (DEQ);Benzie, Richard (DEQ);Thelen, Mary Beth (DEQ);Shaler, Karen (DEQ);Prysby, Mike (DEQ)
Subject:	DEQ's Outline of Flint Drinking Water Issues - Flint Water Task Force - Attorney Client Privilege
Attachments:	DEQ's Outline of Flint Drinking Water Issues for Flint Water Task Force - Attorney Client Privilege Work Product -11-16-2015.pdf

Apologies for the lateness of the hour. The final draft is attached ☺

Thanks,

Tracy Jo

Tracy Jo Devereaux
Office of Drinking Water and Municipal Assistance
Michigan Department of Environmental Quality
Constitution Hall, 4th Floor, South Tower, Pillar P8
525 W. Allegan Street
Lansing, Michigan 48933
☎517-284-6544
✉devereauxt@michigan.gov

From: Shekter Smith, Liane (DEQ)
Sent: Monday, November 23, 2015 1:20 PM
To: Kuhl, Richard (AG);Bettenhausen, Margaret (AG);Sygo, Jim (DEQ);Anderson, Madhu (DEQ);Pallone, Maggie (DEQ);Krisztian, George (DEQ);Busch, Stephen (DEQ);Benzie, Richard (DEQ);Prysby, Mike (DEQ);Rosenthal, Adam (DEQ);Cook, Pat (DEQ)
Cc: Devereaux, Tracy Jo (DEQ);Shaler, Karen (DEQ);Thelen, Mary Beth (DEQ)
Subject: 11-23-2015 Flint Drinking Water Events Timeline
Attachments: 11-23-2015 Flint Drinking Water Events Timeline.docx

Attorney-Client Privilege

Liane

From: Prysby, Mike (DEQ)
Sent: Tuesday, October 07, 2014 7:37 AM
To: Rosenthal, Adam (DEQ)
Cc: Busch, Stephen (DEQ)
Subject: RE: Flint MCL VN

Adam,

Cc Mr. Daugherty Johnson (City of Flint), Howard Kroft (City of Flint) and Robert Bincsik (City of Flint)

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

From: Rosenthal, Adam (DEQ)
Sent: Monday, October 06, 2014 3:23 PM
To: Prysby, Mike (DEQ); Busch, Stephen (DEQ)
Subject: Flint MCL VN

Attached is the VN for edit/review. Wasn't sure who needed to be CC'd, so let me know.

Adam

From: Busch, Stephen (DEQ)
Sent: Friday, February 27, 2015 3:00 PM
To: Rosenthal, Adam (DEQ)
Subject: FW: DEQ-Laboratory Report-50201563
Attachments: 50201563-03.PDF; DBP results & other investigation.xlsx

Can you check this out? Is it just the address site code issue?

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: Hansen, Jeff [mailto:jrhansen@lan-inc.com]
Sent: Friday, February 27, 2015 2:34 PM
To: Busch, Stephen (DEQ)
Cc: Prysby, Mike (DEQ)
Subject: FW: DEQ-Laboratory Report-50201563

Steve,

Thanks for the table. Flint passed the info on to me earlier today.

I see a discrepancy between your table and Flint's records and we have used Flint's data in the report. I have double checked the lab results and I believe the error is on your end, but that is something to resolve. I've attached what I believe is correct. We have already printed and sent out the report since it is due to you guys Sunday. Samir is hand delivering and will probably be by soon.

Jeffrey R. Hansen
Senior Project Manager

Lockwood, Andrews & Newnam, Inc.
A LEO A DALY COMPANY
1311 South Linden Road, Suite B • Flint, MI 48532
T 810.820.2682 **C** PPI
www.lan-inc.com • JRHansen@lan-inc.com

From: Brent Wright [mailto:bwright@cityofflint.com]
Sent: Friday, February 27, 2015 9:43 AM
To: Hansen, Jeff
Subject: Fwd: DEQ-Laboratory Report-50201563

---------- Forwarded message ----------
From: **Michael Glasgow** <mglasgow@cityofflint.com>
Date: Fri, Feb 27, 2015 at 8:09 AM
Subject: Fwd: DEQ-Laboratory Report-50201563
To: Brent Wright <bwright@cityofflint.com>

Here are the DBP results. Everything is great, but this still leaves us in violation at 3 sites, as shown in the other attachment.

---------- Forwarded message ----------
From: **DEQ-DWR-LABREPORTS** <DEQ-DWR-LABREPORTS2@michigan.gov>
Date: Thu, Feb 26, 2015 at 4:43 PM
Subject: DEQ-Laboratory Report-50201563
To: "MGLASGOW@CITYOFFLINT.COM" <MGLASGOW@cityofflint.com>

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

--
Brent Wright
Water Plant Supervisor
City of Flint
4500 N. Dort Hwy.
Flint, MI. 48505
Ph: 810.787.6537 ext. 3510
Fx: 810.787.3710

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54936

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	2501 FLUSHING RD,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP #5
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 11:50
Sample Point:	KITCHEN SINK	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0084	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0023	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0078	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0060	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0245	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54936

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54937

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	3606 CORUNNA RD,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 4
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 11:35
Sample Point:	BATHROOM	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0062	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0017	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0058	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0044	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0181	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54938

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	3216 MLK BLVD,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 6
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 12:15
Sample Point:	BATHROOM	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.002	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0093	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0026	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0075	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0091	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0285	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54939

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	822 S DORT HWY,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 2
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 10:55
Sample Point:	BATHROOM	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0066	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0020	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0065	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0048	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0199	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54940

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	3719 DAVISON RD,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 1
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 10:39
Sample Point:	KITCHEN	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0057	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0015	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0054	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0036	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0162	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54941

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	5018 CLIO RD,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 7
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 12:34
Sample Point:	BATHROOM SINK	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0066	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0018	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0060	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0048	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0192	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54942

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	6204 N SAGINAW ST,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 8
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 12:51
Sample Point:	BATHROOM SINK	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0049	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0014	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0048	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0038	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0149	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54943

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	3202 S DORT HWY,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 3
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 11:12
Sample Point:	KITCHEN	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0056	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0017	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0055	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0040	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0168	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

	A	B	C	D	E
1	DISINFECTION BY-PRODUCTS - DEQ Required Testing				
2	MCL for TTHM = 80 ug/L MCL for HAA5 = 60 ug/L				
3					
4		May-14		Aug-14	
5		TTHM	HAA5	TTHM	HAA5
6	Water Plant Tap	56	36	86	36
7		*Once Yearly (June 2014)		*Once Yearly (June 2014)	
8	Site # 1	162.4	64.0	145.3	43.0
9	Site # 2	111.6	52.0	112.0	40.0
10	Site # 3	96.5	48.0	127.2	31.0
11	Site # 4	106.4	55.0	181.3	24.0
12	Site # 5	75.1	38.0	196.2	11.0
13	Site # 6	82.2	41.0	112.4	25.0
14	Site # 7	88.2	49.0	144.4	30.0
15	Site # 8	79.2	50.0	118.3	37.0
16					
17					
18	DISINFECTION BY-PRODUCTS - Other TTHM Investigations				
19					
20		Jul-14	Aug-14	Nov-14	
21		TTHM	TTHM	TTHM	
22	Dort Reservoir	153.3	n/a	n/a	
23	Cedar Street Reservoir	n/a	163.3	35.2	
24	West Side Reservoir	n/a	134.4	43.9	
25					
26	In house investigation using Parker TTHM Analyzer provided by United Water Affiliate				
27					
28		10/16/2014	10/17/2014	10/21/2014	10/29/2014
29		TTHM	TTHM	TTHM	TTHM
30	3 MG Well (PS #4)	48.8	49.9	32.2	34.9
31	+ 1 hour	54.7	52.8	39.2	n/a
32	+ 48 hours	n/a	n/a	n/a	116.6
33	+ 170 hours	n/a	n/a	n/a	168.0

	F	G	H	I	J	K	L	M	N	O	P
1											
2											
3											
4	Nov-14		Feb-15			LRAA			MAX TTHM	MIN TTHM	
5	TTHM	HAA5	TTHM	HAA5		TTHM	HAA5				
6	**33**	36		36		58.3	36.0		86.0	33.0	
7	*Once Yearly (June 2014)		*Once Yearly (June 2014)			*Once Yearly (June 2014)					
8	58.6	16.0	16.2	9.0		95.6	33.0		162.4	16.2	
9	36.2	21.0	19.9	9.0		69.9	30.5		112.0	19.9	
10	33.3	15.0	16.8	9.0		68.5	25.8		127.2	16.8	
11	33.9	15.0	18.1	9.0		84.9	25.8		181.3	18.1	
12	93.6	24.0	24.5	9.0		97.4	20.5		196.2	24.5	
13	50.1	5.0	28.5	2.0		68.3	18.3		112.4	28.5	
14	53.6	17.0	19.2	9.0		76.4	26.3		144.4	19.2	
15	41.1	18.0	14.9	9.0		63.4	28.5		118.3	14.9	
16	***Sampled at end of Oct.**										
17											
18											
19											
20									Total Organic Carbon (mg/L)		
21										Raw	Final
22									May	10.30	4.57
23									June	9.00	3.63
24									July	8.44	2.67
25									August	8.48	4.06
26									Sept	7.36	3.30
27									Oct	7.38	2.99
28									Nov	7.27	3.86
29									Dec	6.49	2.59
30									Jan	7.62	3.21
31									Feb	5.95	2.07
32											
33											

From: Prysby, Mike (DEQ)
Sent: Wednesday, October 07, 2015 9:32 AM
To: Rennaker, Joanne (DEQ);Rosenthal, Adam (DEQ)
Subject: FW: 2014 CCR Certification
Attachments: Scan014.PDF

Attached are the 2 CCR certs for the 2014 CCRs from Flint.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

From: Brent Wright [mailto:bwright@cityofflint.com]
Sent: Wednesday, October 07, 2015 9:27 AM
To: Prysby, Mike (DEQ)
Subject: 2014 CCR Certification

Mike,

Attached are the 2014 CCR certifications you requested.

Thank you

--
Brent Wright
Water Plant Supervisor
City of Flint
4500 N. Dort Hwy.
Flint, MI. 48505
Ph: 810.787.6537 ext. 3510
Fx: 810.787.3710

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF DRINKING WATER AND MUNICIPAL ASSISTANCE

CONSUMER CONFIDENCE REPORT FOR COMMUNITY WATER SUPPLY CERTIFICATE OF DISTRIBUTION

Issued under authority of 1976 PA 399 and Administrative Rules, as amended.
Failure to submit certification is a violation of the Act and may subject the water supply to enforcement penalties.

Supply Name:	City of Flint	County:	Genesee	WSSN:	2310
Population:	☐ 500 or fewer people	☐ 501 – 9,999 people	☒ 10,000 or more people		

Community water supplies must confirm that the Consumer Confidence Report (CCR) and any enclosed Public Notices (PN) or notices of CCR availability, have been distributed to customers by July 1 as required under administrative rules R 325.10415 and R 325.10404(4)(c). Supplies must also certify that the information contained in the CCR is correct and consistent with the compliance monitoring data previously submitted to the Michigan Department of Environmental Quality (DEQ). **Return the certification to the appropriate DEQ district office by October 1.** For addresses, visit www.michigan.gov/deq, click on Locations.

Method of delivery to DEQ

☒ Mail ☐ Email ☐ Hand Delivery ☐ Other _____ Date delivered: September 8, 2015

Method of delivery to Local Health Department

☐ Mail ☐ Email ☒ Hand Delivery ☐ Other _____ Date delivered: June 30, 2015

Method or combination of methods to directly deliver CCR to each bill paying customer. Check all that apply.

☒ Mail or hand deliver a paper copy of CCR. Date(s) mailed or hand delivered: June 29, 2015
☐ Mail or hand deliver notification that the CCR is available at a direct URL. Date(s) delivered to customers: _____
☐ Email notification that CCR is available at direct URL: Date(s) emailed: _____
☐ Email notification that CCR is attached to the email. Date(s) emailed: _____
☐ Email notification that CCR is embedded in the email. Date(s) emailed: _____

If using notification of CCR availability:

1. Mail a paper CCR to customers who request it and to customers known to be incapable of receiving electronically.
2. Include a copy of the notification to the DEQ district office with this certification form.
3. Explain the nature of the notification, prominently display the direct URL, include statement how to request a paper copy.

> Example of Notification of CCR Availability Subject Line: 2012 Drinking Water Quality Report Available.
> Message: Your annual report on the source and quality of your drinking water is available on the Web at **www.anytown.gov/waterqualityreport**. To have a copy mailed to you, contact Anytown at 555-111-1111 or water@anytown.gov.

☐ **Option for supplies serving fewer than 10,000 persons:** Publish entire report in newspaper, and notify customers via newspaper(s) in which CCR published, mail, email or hand delivery that individual copies will not be mailed, and include statement how to request a paper copy.
Date(s) of publication: _____

☐ **Option for supplies serving 500 or fewer persons:** Notify customers via mail, email, hand delivery or, with DEQ approval, posting in public places, that a copy of the report is available from the water supply on request.
Date(s) of notification: _____

Post on Internet (required for supplies serving ≥100,000, optional for others)

☐ Internet address: _____ Date accessible: _____

"Good Faith" efforts to reach non-bill-paying consumers (in addition to the method(s) above). Check all that apply.

☐ Mail the report to all postal patrons. Zip codes and dates mailed: _____
☒ Mail to each service connection physical address. Date(s) mailed: June 29, 2015
☐ Advertise the availability of the report in the newspapers, on TV, and on the radio.
☐ Publish the report in a local newspaper.
☐ Post the report in public places such as cafeterias in public buildings, libraries, churches, and schools.
☐ Deliver multiple copies for distribution by single-bill customers, e.g., apartments or private employers.
☐ Deliver the report to community organizations.
☐ Other: _____

Send to the DEQ a copy of the news articles, a list of channels broadcast and dates, and a list of locations/organizations reports delivered to and dates.

A Tier 3 Public Notice is Distributed with this CCR

☐ This CCR is being used to deliver a Tier 3 Public Notice for one or more violations. To use this Tier 3 delivery option, the CCR must be directly delivered to each bill paying customer or, with DEQ approval, continuously posted, and must be issued within 12 months of learning of the violation. A copy of this form must be delivered to the DEQ within 10 days of delivering the CCR to customers to meet the public notification requirements.

Name/Title: Brent Wright Supervisor

Signature: _____ Date: September 8, 2015

See reverse side for U.S. EPA Expectations for Electronic Delivery of CCR

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF DRINKING WATER AND MUNICIPAL ASSISTANCE

CONSUMER CONFIDENCE REPORT FOR COMMUNITY WATER SUPPLY
CERTIFICATE OF DISTRIBUTION

Issued under authority of 1976 PA 399 and Administrative Rules, as amended.
Failure to submit certification is a violation of the Act and may subject the water supply to enforcement penalties.

Supply Name:	City of Flint	County:	Genesee	WSSN:	2310
Population:	☐ 500 or fewer people	☐ 501 – 9,999 people		☒ 10,000 or more people	

Community water supplies must confirm that the Consumer Confidence Report (CCR) and any enclosed Public Notices (PN) or notices of CCR availability, have been distributed to customers by July 1 as required under administrative rules R 325.10415 and R 325.10404(4)(c). Supplies must also certify that the information contained in the CCR is correct and consistent with the compliance monitoring data previously submitted to the Michigan Department of Environmental Quality (DEQ). **Return the certification to the appropriate DEQ district office by October 1.** For addresses, visit www.michigan.gov/deq, click on Locations.

Method of delivery to DEQ

☒ Mail ☐ Email ☐ Hand Delivery ☐ Other _____ Date delivered: September 8, 2015

Method of delivery to Local Health Department

☐ Mail ☐ Email ☒ Hand Delivery ☐ Other _____ Date delivered: July 20, 2015

Method or combination of methods to directly deliver CCR to each bill paying customer. Check all that apply.

☒ Mail or hand deliver a paper copy of CCR. Date(s) mailed or hand delivered: July 17, 2015
☐ Mail or hand deliver notification that the CCR is available at a direct URL. Date(s) delivered to customers: _____
☐ Email notification that CCR is available at direct URL: Date(s) emailed: _____
☐ Email notification that CCR is attached to the email. Date(s) emailed: _____
☐ Email notification that CCR is embedded in the email. Date(s) emailed: _____

If using notification of CCR availability:

1. Mail a paper CCR to customers who request it and to customers known to be incapable of receiving electronically.
2. Include a copy of the notification to the DEQ district office with this certification form.
3. Explain the nature of the notification, prominently display the direct URL, include statement how to request a paper copy.

> Example of Notification of CCR Availability Subject Line: 2012 Drinking Water Quality Report Available.
> Message: Your annual report on the source and quality of your drinking water is available on the Web at **www.anytown.gov/waterqualityreport**. To have a copy mailed to you, contact Anytown at 555-111-1111 or water@anytown.gov.

☐ **Option for supplies serving fewer than 10,000 persons:** Publish entire report in newspaper, and notify customers via newspaper(s) in which CCR published, mail, email or hand delivery that individual copies will not be mailed, and include statement how to request a paper copy.
Date(s) of publication: _____

☐ **Option for supplies serving 500 or fewer persons:** Notify customers via mail, email, hand delivery or, with DEQ approval, posting in public places, that a copy of the report is available from the water supply on request.
Date(s) of notification: _____

Post on Internet (required for supplies serving ≥100,000, optional for others)

☒ Internet address: https://www.cityofflint.com/wp-content/uploads/CCR-2014.pdf
Date accessible: July 1, 2015

"Good Faith" efforts to reach non-bill-paying consumers (in addition to the method(s) above). Check all that apply.

☐ Mail the report to all postal patrons. Zip codes and dates mailed: _____
☒ Mail to each service connection physical address. Date(s) mailed: July 17, 2015
☐ Advertise the availability of the report in the newspapers, on TV, and on the radio.
☐ Publish the report in a local newspaper.
☐ Post the report in public places such as cafeterias in public buildings, libraries, churches, and schools.
☐ Deliver multiple copies for distribution by single-bill customers, e.g., apartments or private employers.
☐ Deliver the report to community organizations.
☐ Other: _____

Send to the DEQ a copy of the news articles, a list of channels broadcast and dates, and a list of locations/organizations reports delivered to and dates.

A Tier 3 Public Notice is Distributed with this CCR

☒ This CCR is being used to deliver a Tier 3 Public Notice for one or more violations. To use this Tier 3 delivery option, the CCR must be directly delivered to each bill paying customer or, with DEQ approval, continuously posted, and must be issued within 12 months of learning of the violation. A copy of this form must be delivered to the DEQ within 10 days of delivering the CCR to customers to meet the public notification requirements.

Name/Title: Brent Wright Supervisor

Signature: _____ Date: September 8, 2015

See reverse side for U.S. EPA Expectations for Electronic Delivery of CCR

From: Rosenthal, Adam (DEQ)
Sent: Monday, October 06, 2014 3:23 PM
To: Prysby, Mike (DEQ);Busch, Stephen (DEQ)
Subject: Flint MCL VN
Attachments: Flint MCLVN 8-9 14.doc

Attached is the VN for edit/review. Wasn't sure who needed to be CC'd, so let me know.

Adam

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING DISTRICT OFFICE

RICK SNYDER
GOVERNOR

DAN WYANT
DIRECTOR

Date

Mr. Brent Wright, Operation Supervisor
City Of Flint - D P W
Flint Water Plant
4500 North Dort Highway
Flint, MI 48505

WSSN: 02310
City Of Flint

Dear Mr. Wright:

SUBJECT: Violation Notice – Maximum Contaminant Level for Total Coliform

The Department of Environmental Quality (DEQ), Office of Drinking Water and Municipal Assistance (ODWMA), records show that the City of Flint is in violation of the Safe Drinking Water Act 1976 PA 399, as amended (Act 399); R 325.10602 *MCLs for total coliform bacteria*; of the 1979 Administrative Code.

In accordance with R 325.10602 *MCLs for total coliform bacteria*, a water supply that collects 40 or more samples per month is in compliance with the MCL for total coliforms if not more than 5% of the samples collected during a month are total coliform-positive. Our records show that 15 out of 124 and 15 of 150 samples collected were total coliform-positive during the months of August and September 2014 respectively, which are violations of the MCL. Our investigation consisted of a review of ODWMA files for laboratory reports received for compliance monitoring. The ODWMA guided you in the response of the total coliform-positive samples and repeat sampling protocol.

Our investigation is considered complete. These violations began on August 15, 2014 and September 5, 2014 and continued until you returned to compliance.

To return to compliance, you collected repeat samples on August 18, 2014 and September 8, 2014 that did not detect coliform bacteria. Although the specific cause of contamination has not been conclusively identified, it appears the situations have been corrected."

The August MCL violation was elevated to an acute MCL which required immediate notification and was correctly public noticed, however the September MCL violation still requires a Tier 2 public notice. Administrative rule R 325.10403 requires that suppliers provide public notice not later than 30 days after learning of the violation by mail or direct delivery and by any other means reasonably calculated to reach other persons regularly served by the system. Enclosed is a sample public notice. Please notify your consumers by November 2, 2014 and send us a signed and dated copy of the notice that was issued within 10 days of distributing the public notice. These violations must be included in your Consumer Confidence Report (CCR,) due by July 1, 2015.

Failure to issue a public notice for this violation may result in a fine of at least $1000 per day of the violation up to a maximum of $5000. Additional violations are subject to fines of increasing

amounts. If you would like more information on the ODWMA policy on administrative fines policy, contact us at the numbers below.

If you have any factual information you would like us to consider regarding the violations identified in this Notice please provide it in a written response by October 20, 2014.

We anticipate and appreciate your cooperation in resolving this matter. If you have any questions regarding this Violation Notice, please contact us at the numbers below.

Sincerely,

Michael F. Prysby, P.E., District Engineer
Lansing District Office
Office of Drinking Water & Municipal Assistance
517-290-8817

Adam Rosenthal, EQA
Lansing District Office
Office of Drinking Water & Municipal Assistance
517-284-6644

MFP:AR:JR

Enclosures

cc:
Genesee County Health Department

Important Information About Your Drinking Water

Tests showed coliform bacteria in the City of Flint water

Our water system recently violated a drinking water standard. Although this incident was not an emergency, as our customers, you have a right to know what happened and what we did to correct the situation.

We routinely monitor for drinking water contaminants. We took 150 samples to test for the presence of coliform bacteria during September 2014. 15 of those samples (10%) showed the presence of coliform bacteria. The standard is that no more than 5 percent of our samples may do so.

What should I do?

You do not need to boil your water or take other corrective actions. However, if you have specific health concerns, consult your doctor. People with severely compromised immune systems, infants, and some elderly may be at increased risk. These people should seek advice about drinking water from their healthcare providers. General guidelines on ways to lessen the risk of infection by microbes are available from EPA's Safe Drinking Water Hotline at 1-800-426-4791.

What does this mean?

This is not an emergency. A portion of the City was notified to boil their water at the time of the incident until it was resolved. Coliform bacteria are generally not harmful themselves.

Coliforms are bacteria which are naturally present in the environment and are used as an indicator that other, potentially harmful, bacteria may be present. Coliforms were found in more samples than were allowed and this was a warning of potential problems.

Usually, coliforms are a sign that there could be a problem with the system's treatment or distribution system (pipes). Whenever we detect coliform bacteria in any sample, we do follow-up testing to see if other bacteria of greater concern, such as fecal coliform or E. coli, are present. We did not find any of these bacteria in our subsequent testing, and further testing shows that this problem has been resolved.

What happened? What was done? On September 5, 2014, after routine and repeat samples showed the presence of total coliform, a boil water order was issued to the affected area. That area was flushed and resampled until samples were non-detect for total coliform. The boil order was lifted on September 9, 2014. Samples collected since then show that all results met acceptable limits.

For more information, please contact Mr. Brent Wright, Water Plant Supervisor, City Of Flint - DPW at 810.787.6537 ext. 3510 or Flint Water Plant - 4500 North Dort Highway, Flint, MI 48505.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by the City of Flint.

CERTIFICATION: WSSN: 02310

I certify that this water supply has fully complied with the public notification requirements in the Michigan Safe Drinking Water Act, 1976 PA 399, as amended, and the administrative rules.

Signature	Title	Date Distributed

Reminder to water supplier: This notice / certification must be sent to the DNRE.

From: Rosenthal, Adam (DEQ)
Sent: Friday, October 02, 2015 1:33 PM
To: Busch, Stephen (DEQ)
Subject: Flint WQPs

Flint monitors 25 locations quarterly in the distribution system for the following WQPs:

Temperature, Conductivity, pH, Total Alkalinity, and Calcium

From: Rosenthal, Adam (DEQ)
Sent: Friday, November 20, 2015 4:25 PM
To: Brandon, McAndrew (OAG);Hess, Elmer (OAG)
Cc: Busch, Stephen (DEQ);Prysby, Mike (DEQ)
Subject: attachments
Attachments: LeadCopperRptConsNotice_294665_7.pdf; Flint 2015 additional results not included in 90th.pdf; Flint Bacteriological Sample Siting Plan.pdf

Elmer & Brandon, attached for the City of Flint is the Bacteriological Sample Siting Plan, excluded sample results for 2015 Lead/Copper monitoring, and the Lead & Copper Certification form with instructions that indicate the Tier and Sample Category definitions.

thank you,

Adam Rosenthal, EQA
MDEQ – Office of Drinking Water and Municipal Assistance
Lansing District – Constitution Hall 1SW
PO Box 30242
Lansing, MI 48909
517-284-6644
fax: 517-241-3571

For MORs, Lab Results & Reporting Forms:
DEQ-DWMA-Lansing@michigan.gov

Michigan Department of Environmental Quality

Replicate Laboratory Report for Lansing Drinking Water Laboratory

Owner/Location Information:

CITY OF FLINT
212 BROWNING AVE
FLINT MI 48507

Sample Number: LLF54945

Sample/Collection Information:

WSSN: 02310
County: Genesee
Township:
Section:
Well #:
Collection Date: 2/18/2015 7:15:00 AM
Arrival Date: 2/19/2015 11:13:00 AM

Site Code:
Water Source: Public Community Water Supply
Sample Reason: Routine Monitoring
Sample Point: Treated Public Distribution System
Point Description: KITCHEN
Collector: Private Citizen
Collected By: LEANNE WALTERS

CasNo	Analyte	Result	Detect	Units	Method
7440-50-8	COPPER (RECOVERABLE)	ND	0.05	mg/L	EPA 200.8
7439-92-1	LEAD (TOTAL)	0.104	0.001	mg/L	EPA 200.8

Laboratory Comments:

By authority of PA 368 of 1978 as amended.

Print Date: Tue Aug 4 14:16:40 EDT 2015

has whole house filter

Michigan Department of Environmental Quality

Replicate Laboratory Report for Lansing Drinking Water Laboratory

Owner/Location Information:

CITY OF FLINT
212 BROWNING AVE
FLINT MI 48507

Sample Number: LLF56229

Sample/Collection Information:

WSSN: 02310
County: Genesee
Township:
Section:
Well #:
Collection Date: 2/25/2015 10:26:00 AM
Arrival Date: 3/6/2015 11:34:24 AM

Site Code:
Water Source: Single Family Dwelling
Sample Reason: Water Quality Problem
Sample Point: Treated Public Distribution System
Point Description: KITCHEN
Collector: Public Water Supply Operator
Collected By: MIKE GLASGOW

CasNo	Analyte	Result	Detect	Units	Method
7440-38-2	ARSENIC (TOTAL)	ND	0.002	mg/L	EPA 200.8
7440-39-3	BARIUM	0.01	0.01	mg/L	EPA 200.8
7440-41-7	BERYLLIUM	ND	0.0004	mg/L	EPA 200.8
7440-43-9	CADMIUM (TOTAL)	ND	0.0003	mg/L	EPA 200.8
7440-47-3	CHROMIUM (TOTAL)	ND	0.01	mg/L	EPA 200.8
7439-97-6	MERCURY	ND	0.0001	mg/L	EPA 200.8
7440-02-0	NICKEL	ND	0.01	mg/L	EPA 200.8
7439-92-1	LEAD (TOTAL)	ND	0.001	mg/L	EPA 200.8
7440-36-0	ANTIMONY	ND	0.0006	mg/L	EPA 200.8
7782-49-2	SELENIUM (TOTAL)	ND	0.001	mg/L	EPA 200.8
7440-28-0	THALLIUM	ND	0.0002	mg/L	EPA 200.8

Laboratory Comments:

By authority of PA 368 of 1978 as amended.

Print Date: Thu Aug 27 09:25:58 EDT 2015

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57729

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	212 BROWNING AVE,FLINT	Source:	Single Family Dwelling
Collected By:	MIKE GLASGOW	Site Code:	
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	03/18/2015 11:10
Sample Point:	KITCHEN	Date Received:	03/24/2015 11:05
Water System:	Treated Public Distribution System	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

Not 1st draw
whole house filter

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

Michigan Department of Environmental Quality

Replicate Laboratory Report for Lansing Drinking Water Laboratory

Owner/Location Information:

CITY OF FLINT
212 BROWNING AVE
FLINT MI 48507

Sample Number: LLF59748

Sample/Collection Information:

WSSN: 02310
County: Genesee
Township:
Section:
Well #:
Collection Date: 4/2/2015 8:00:00 AM
Arrival Date: 4/14/2015 11:07:48 AM

Site Code:
Water Source: Single Family Dwelling
Sample Reason: Other
Sample Point: Treated Public Distribution System
Point Description: PRE P O S
Collector: Private Citizen
Collected By: LEEANNE WALTERS

CasNo	Analyte	Result	Detect	Units	Method
7440-50-8	COPPER (RECOVERABLE)	0.11	0.05	mg/L	EPA 200.8
7439-92-1	LEAD (TOTAL)	0.707	0.001	mg/L	EPA 200.8

Laboratory Comments:

Basement
Tap pre filter

By authority of PA 368 of 1978 as amended.

Print Date: Thu Aug 27 09:27:00 EDT 2015

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57732

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1383 WASHINGTON AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	ANTHONY PALLADENO	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/09/2015	08:00
Sample Point:	KITCHEN	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

Past 14 day Holding time for Preservation

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF64282

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

Business Based Not Tier 1

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	625 S GRAND TRAVERSE,FLINT	Source:	TYPE III
Collected By:	MIKE GLASGOW	Site Code:	
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	05/15/2015 13:00
Sample Point:	BATHROOM	Date Received:	05/20/2015 11:24
Water System:	Treated Public Distribution System	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	05/21/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	05/21/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF64284

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

Not Tier 1
Business

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	625 S GRAND TRAVERSE,FLINT	Source:	TYPE III	
Collected By:	MIKE SARGENT	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/18/2015	08:30
Sample Point:	UTILITY SINK	Date Received:	05/20/2015	11:24
Water System:	Treated Public Distribution System	Purpose:	Other	

Not For Compliance

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	05/21/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.020	05/21/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

Coliform Bacteria Distribution System Sample Site Plan

Table of Contents

General Information	**1**
Sample Site Locations, including up and down stream	**2**
Positive Sample Protocol & Notifications	**3**
Sample Site Location, Map	**4**

General Information

Water Supply Name:	City of Flint - Water Plant 4500 N. Dort Hwy Flint, MI 48505
Water Supply Serial Number:	2310
Population Served:	102,000
Number of monthly distribution samples required:	100
Number of Sampling Locations:	12
Sampling frequency:	At least twice weekly, varies with location.
Program Contact:	Michael Glasgow City of Flint Water Plant Laboratory & Water Quality Supervisor (810) 787-6537 ext. 3512 mglasgow@cityofflint.com

Routine Distribution System Sampling Site Locations

Site ID	Routine Site Name & Address	Up-Stream Site Name & Address	Down-Stream Site Name & Address
# 1	Arby's Restaurant	McDonalds Restaurant	Admiral Gas Station
	3742 Davison Rd.	3719 Davison Rd.	3802 Davison Rd.
	Flint, MI 48506	Flint, MI 48506	Flint, MI 48506
# 2	B & P Gas Station	Advasure Insurance	Rite Aid Pharmacy
	822 S. Dort Hwy	810 S. Dort Hwy	2838 E. Court St.
	Flint, MI 48503	Flint, MI 48503	Flint, MI 48506
# 3	7-11 Food Store	Mattress Savers	O'Rielly Auto Parts
	3302 S. Dort Hwy	3124 S. Dort Hwy.	3316 S. Dort Hwy
	Flint, MI 48507	Flint, MI 48507	Flint, MI 48507
# 4	Taco Bell Restaurant	Rite Aid Pharmacy	McFall's Collision
	3606 Cournna Rd.	3521 Cournna Rd.	3614 Cournna Rd
	Flint, MI 48532	Flint, MI 48532	Flint, MI 48532
# 5	7-11 Food Store	Serverance Service	Ambassador Bar
	2501 Flushing Rd.	2434 Flushing Rd.	1107 N. Chevrolet Ave.
	Flint, MI 48504	Flint, MI 48504	Flint, MI 48504
# 6	Salem Housing	B & P Gas Station	Hinky Dinky Market
	3216 M.L. King Blvd.	3317 M.L. King Blvd.	3110 M.L. King Blvd.
	Flint, MI 48505	Flint, MI 48505	Flint, MI 48505
# 7	Rite Aid Pharmacy	Urban League of Flint	Clio Rd. Coin Laundry
	5018 Clio Rd.	5005 Cloverlawn Dr.	4930 Clio Rd.
	Flint, MI 48504	Flint, MI 48504	Flint, MI 48504
# 8	North Flint Automotive	Al & Jerry's Mini Mart	Hutchinson's Food & Drug
	6204 N. Saginaw St.	6101 N. Saginaw St.	6509 N. Saginaw St.
	Flint, MI 48505	Flint, MI 48505	Flint, MI 48505
W.S.	West Side Reservoir & Pump Station	Water Main Sampler	Midway Market
	1416 Dupont St.	1430 Dupont St.	1360 Dupont St.
	Flint, MI 48503	Flint, MI 48504	Flint, MI 48504
C.S.	Cedar Street Reservoir & Pump Station	The Print Shop	City of Flint - Service garage
	1100 Cedar St.	1035 Ann Arbour St.	702 W. 12th St.
	Flint, MI 48503	Flint, MI 48503	Flint, MI 48503
Sta. #2 (II)	Water Plant Control Station #2	Baxter & Potter Rd. Control Station	Water Plant Laboratory Tap
	4500 N. Dort Hwy	G 12233 E. Potter Rd.	4500 N. Dort Hwy
	Flint, MI 48505	Davison, MI 48423	Flint, MI 48505
B&P	Baxter & Potter Rd. Control Station	Not Applicable*	Water Plant Control Station #2
	G 12233 E. Potter Rd.		4500 N. Dort Hwy
	Davison, MI 48423		Flint, MI 48505

* Baxter & Potter Rd. Control Station is the point at which The City of Flint takes control (& has access) on the pipeline.

Normal Sampling Frequency

Sites # 1 - # 8

Samples are collected twice weekly.

Usually collected on Wednesday by a lab analyst, & Thursday by a operator

W.S. & C.S.

Samples are collected Monday - Friday.

Usually collected along with sites # 1 - # 8 on Wednesday & Thursday to complete "city run".

Sta II and B&P

Samples are collected daily.

Positive Sample Protocol

Total Coliform Positive Sample:

I. If a routine sample is positive for total coliform bacteria, notify Laboratory Supervisor immediately, and collect 3 repeat samples within 24 hours of determining the result. 1 repeat sample should be from the tap where the original total coliform –positive was taken. Repeat samples shall also be collected from upstream and downstream sites within 5 service connections of the original sampling site.

II. If repeat samples are total coliform negative, no further sampling is required. Positive result and repeat results will be entered in the Monthly Operation Report (MOR).

II. If 1 or more of the repeat samples in the set is total coliform positive, Notify Laboratory Supervisor, and collect an additional set of repeat samples. Laboratory Supervisor will notify Michigan DEQ with 24 hours or the next business day after learning the results, to determine further action.

Fecal Coliform Positive Sample:

I. If a routine sample is positive for fecal coliform bacteria, notify Laboratory Supervisor, who will notify the DEQ immediately. Collect 3 repeat samples within 24 hours of determining the result. 1 repeat sample should be from the tap where the original fecal coliform –positive was taken. Repeat samples shall also be collected from upstream and downstream sites within 5 service connections of the original sampling site.

From: Rosenthal, Adam (DEQ)
Sent: Thursday, December 10, 2015 1:56 PM
To: Kuhl, Richard (AG)
Cc: Busch, Stephen (DEQ);Maul, Sue (DEQ);Craig, John (DEQ);Shekter Smith, Liane (DEQ);Bettenhausen, Margaret (AG);Gambill, Nathan (AG)
Subject: RE: Mays v Snyder - Privileged Attorney Client Communication
Attachments:

Attorney-Client Privilege

er
All 3

han,

Attorney-Client Privilege

Adam Rosenthal, EQA
MDEQ – Office of Drinking Water and Municipal Assistance
Lansing District – Constitution Hall 1SW
PO Box 30242
Lansing, MI 48909
517-284-6644
fax: 517-241-3571

For MORs, Lab Results & Reporting Forms:
DEQ-DWMA-Lansing@michigan.gov

From: Kuhl, Richard (AG)
Sent: Thursday, December 10, 2015 9:22 AM
To: Rosenthal, Adam (DEQ)
Cc: Busch, Stephen (DEQ); Maul, Sue (DEQ); Craig, John (DEQ); Shekter Smith, Liane (DEQ); Bettenhausen, Margaret (AG); Gambill, Nathan (AG)

Attorney-Client Privilege

Attorney-Client Privilege

Richard

Richard S. Kuhl
Assistant Attorney General
Environment, Natural Resources,
and Agriculture Division
6th Floor, G. Mennen Williams Building
525 West Ottawa Street
P.O. Box 30755
Lansing, MI 48909

PH: (517) 335-0696
FX: (517) 373-1610

kuhlr@michigan.gov

Sent: Thursday, December 10, 2015 1:22 PM
To: Kuhl, Richard (AG)
Cc: Busch, Stephen (DEQ);Maul, Sue (DEQ);Craig, John (DEQ);Shekter Smith, Liane (DEQ);Bettenhausen, Margaret (AG);Gambill, Nathan (AG)
Subject: RE: Mays v Snyder - Privileged Attorney Client Communication
Attachments:

Attorney-Client Privilege

Attorney-Client Privilege

Adam Rosenthal, EQA
MDEQ – Office of Drinking Water and Municipal Assistance Lansing District – Constitution Hall 1SW PO Box 30242
Lansing, MI 48909
517-284-6644
fax: 517-241-3571

For MORs, Lab Results & Reporting Forms:
DEQ-DWMA-Lansing@michigan.gov

From: Kuhl, Richard (AG)
Sent: Thursday, December 10, 2015 9:22 AM
To: Rosenthal, Adam (DEQ)
Cc: Busch, Stephen (DEQ); Maul, Sue (DEQ); Craig, John (DEQ); Shekter Smith, Liane (DEQ); Bettenhausen, Margaret (AG); Gambill, Nathan (AG)

Attorney-Client Privilege

Richard

Richard S. Kuhl
Assistant Attorney General
Environment, Natural Resources,
and Agriculture Division
6th Floor, G. Mennen Williams Building
525 West Ottawa Street
P.O. Box 30755
Lansing, MI 48909

PH: (517) 335-0696
FX: (517) 373-1610

kuhlr@michigan.gov

From: Rosenthal, Adam (DEQ)
Sent: Friday, September 18, 2015 11:52 AM
To: Kaiser, Rebecca (DEQ)
Subject: FW: DEQ-Laboratory Report-Genesee-2015-09-17
Attachments: GENESEE-2015-09-17.PDF

I believe the last one is yours.

Adam

-----Original Message-----
From: DEQ-DWR-LABREPORTS
Sent: Thursday, September 17, 2015 2:12 PM
To: GCHD-EHWATER@GCHD.US; Graham, Lois (DEQ); DEQ-DWMA-Lansing
Subject: DEQ-Laboratory Report-Genesee-2015-09-17

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF82711

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	4500 N DORT HWY,FLINT	Source:	TYPE I
Collected By:	CHRIS BEATENHEAD	Site Code:	
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	09/14/2015 07:50
Sample Point:	PS4 3 MG WELL	Date Received:	09/15/2015 11:49
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Total Organic Carbon	1.52	09/16/2015	0.5		SM 5310C	TOC-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF82712

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	4500 N DORT HWY,FLINT	Source:	Surface Water
Collected By:	CHRIS BEATENHEAD	Site Code:	
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	09/14/2015 07:40
Sample Point:	RAW WATER	Date Received:	09/15/2015 11:49
Water System:	Public System Surface Water	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Total Organic Carbon	8.20	09/16/2015	0.5		SM 5310C	TOC-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF81169

Official Laboratory Report

Report To: GREAT LAKES WATER LAB
PO BOX 131
LAKE ANN MI 49650

System Name/Owner:	LAEKSHORE VILLAGE	WSSN/Pool ID:	40169
Collection Address:	LAKESHORE DR,WEST BRANCH	Source:	TYPE I
Collected By:	AG/GLL	Site Code:	
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	08/27/2015 13:30
Sample Point:	OSF 47	Date Received:	09/03/2015 09:44
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	09/09/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	Not Detected	09/09/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	09/09/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	09/09/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	Not Detected	09/09/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	Not Detected	09/09/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	Not Detected	09/09/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	Not Detected	09/09/2015	0.001		EPA 552.1/552.2	76-03-9

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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CAS# : Chemical Abstract Service Registry Number
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: Rosenthal, Adam (DEQ)
Sent: Wednesday, December 30, 2015 9:37 AM
To: Grochowski, Bryan (DEQ)
Subject: ns

http://www.scribd.com/doc/294248389/Flint-Water-Advisory-Task-Force-letter-to-Snyder

this is why

From: Rosenthal, Adam (DEQ)
Sent: Wednesday, December 30, 2015 10:09 AM
To: Grochowski, Bryan (DEQ)
Subject: http://www.freep.com/story/news/local/michigan/2015/12/29/deq-director-wyant-resigns-over-flint-water-crisis/78027052/

From: Muchmore, Dennis (GOV)
Sent: Monday, August 17, 2015 2:47 PM
To: Wurfel, Brad (DEQ)
Subject: Automatic reply: Flint Lead Monitoring Letter

I will be out of the office until Tuesday, August 25th. If this matter requires immediate assistance, please contact Wendy Wisniewski at wisniewskiw@michigan.gov or (517) 241-5601 or Beth Clement, Deputy Chief of Staff. Thank you.

From: Hollins, Harvey (GOV)
Sent: Thursday, September 24, 2015 11:45 AM
To: Wyant, Dan (DEQ);Wurfel, Brad (DEQ)

If you haven't seen the following, please look at this.
http://m.metrotimes.com/Blogs/archives/2015/09/23/new-aclu-video-gets-tough-with-flint-officials-over-lead-levels

From: Olszewski, Rosemarie (DEQ)
Sent: Friday, October 09, 2015 1:01 PM
To: Wurfel, Brad (DEQ);Tommasulo, Karen (DEQ)
Subject: OnEarth - Magazine of the Natural Resources Defense Council

http://www.onearth.org/earthwire/flint-michigan-lead-tap-water

Not for clips – just FYI for you both.

Rosemarie
Rosemarie Olszewski
General Office Assistant - Executive Division
Michigan Department of Environmental Quality
Constitution Hall, 525 W. Allegan St.
6th Floor South Tower, Pillar P6
Telephone: 517-284-6700
Fax: 517-241-7401

From: Shaler, Karen (DEQ)
Sent: Wednesday, October 14, 2015 4:52 PM
To: Sygo, Jim (DEQ);Wurfel, Brad (DEQ);Tommasulo, Karen (DEQ);Krisztian, George (DEQ);Shekter Smith, Liane (DEQ);Thelen, Mary Beth (DEQ)
Subject: FW: Request for Disclosure of Official Files (FOIA 6525-15)
Attachments: FOIA 6525-15 Executive Division.pdf; Flint DW FOIA 6525-15_LDO.PDF

FYI

From: Shaler, Karen (DEQ)
Sent: Wednesday, October 14, 2015 4:50 PM
To: 'Marc Edwards'
Cc: Rennaker, Joanne (DEQ)
Subject: Request for Disclosure of Official Files (FOIA 6525-15)

Dear Marc Edwards,

This is in response to your Freedom of Information Act request regarding documents on the Flint lead in water situation, which was assigned as FOIA 6525-15.

We have received confirmation from our Cashier's Office that your FOIA Invoices payments have been processed for records from the DEQ's Executive Division and Office of Drinking Water and Municipal Assistance, Lansing District Office. Attached are the requested records.

Thank you.

Karen Shaler
Management Assistant to Chief Deputy Director Jim Sygo
FOIA Liaison, Executive Division
Michigan Department of Environmental Quality
Constitution Hall, 6th Floor South
P.O. Box 30473
Lansing, MI 48909-7973
Phone: 517-284-6709
Fax: 517-241-7401
shalerk@michigan.gov

Feuerstein, Heather (DEQ)

From: Wurfel, Brad (DEQ)
Sent: Monday, September 28, 2015 3:31 PM
To: Feuerstein, Heather (DEQ)
Subject: FW: ACLU mini-documentary

From: Tommasulo, Karen (DEQ)
Sent: Thursday, July 09, 2015 3:09 PM
To: Wurfel, Brad (DEQ)
Subject: RE: ACLU mini-documentary

This is what Curt Guyette had been calling about, by the way. Apparently it's going to be a thing now.

From: Wurfel, Brad (DEQ)
Sent: Thursday, July 09, 2015 3:08 PM
To: Shekter Smith, Liane (DEQ); Busch, Stephen (DEQ); Tommasulo, Karen (DEQ); Sygo, Jim (DEQ)
Cc: Benzie, Richard (DEQ)
Subject: RE: ACLU mini-documentary

Steve, I just got a call from Mi Public Radio about an EPA notice to Flint about elevated lead levels in the water. Apparently, you were cc'd on EPA's note. Can you call me asap? Thanks!
b

From: Shekter Smith, Liane (DEQ)
Sent: Thursday, July 09, 2015 11:51 AM
To: Busch, Stephen (DEQ); Tommasulo, Karen (DEQ); Wurfel, Brad (DEQ); Sygo, Jim (DEQ)
Cc: Benzie, Richard (DEQ)
Subject: ACLU mini-documentary

FYI – the video is lower on the page. It's just under 6 minutes.

http://www.mlive.com/news/flint/index.ssf/2015/06/aclu_video_details_flints_hard.html#incart_story_package

Feuerstein, Heather (DEQ)

From: Wurfel, Brad (DEQ)
Sent: Monday, September 28, 2015 3:10 PM
To: Feuerstein, Heather (DEQ)
Subject: FW: University of Michigan inquiry re: Flint

From: Sygo, Jim (DEQ)
Sent: Thursday, August 06, 2015 12:17 PM
To: Shekter Smith, Liane (DEQ)
Cc: Wurfel, Brad (DEQ); Pallone, Maggie (DEQ); Busch, Stephen (DEQ); Benzie, Richard (DEQ); Cook, Pat (DEQ); Devereaux, Tracy Jo (DEQ); Shaler, Karen (DEQ); Thelen, Mary Beth (DEQ); Feuerstein, Heather (DEQ)
Subject: Re: University of Michigan inquiry re: Flint

Sounds like a good approach.

Sent from my iPhone

On Aug 6, 2015, at 11:52 AM, Shekter Smith, Liane (DEQ) <SHEKTERL@michigan.gov> wrote:

> Yesterday, Steve Busch and I participated in a conference call with Professors Lutgarde Raskin and Krista Wigginton (Dept. of Civil and Environmental Engineering) and Prof. Stuart Batterman (School of Public Health) and several of their graduate students.
>
> They wanted to discuss recent events in Flint and are interested in possibly providing sampling, analysis, and education/outreach to address potential lead exposure issues, TTHM issues, possibly microbial activity and/or aesthetic problems. They are aware of the report published on the ACLU website identifying lead as an issue in Flint and were interested in helping to obtain analytical data to determine the potential extent of the problem and to help residents understand what it means for them.
>
> We suggested they begin by having discussions with the City to determine what level of assistance might be helpful to the City.
>
> If this moves forward, we would recommend that DEQ, DHHS staff, LHD staff, and a group of local residents/stakeholders be included in discussions to guide future activities.
>
> Today, Steve provided UM with contacts at the City. UM is interested in quickly arranging a preliminary meeting to flesh out what might happen going forward.
>
> We'll keep you updated if this progresses.
>
> Liane

Liane J. Shekter Smith, P.E., Chief
Office of Drinking Water and Municipal Assistance
Michigan Department of Environmental Quality
517-284-6543

Feuerstein, Heather (DEQ)

From: Wurfel, Brad (DEQ)
Sent: Monday, September 28, 2015 3:30 PM
To: Feuerstein, Heather (DEQ)
Subject: FW: Urgent: Independent Flint Water Study

From: Curt Guyette [mailto:cguyette@aclumich.org]
Sent: Monday, August 31, 2015 10:19 AM
To: Wurfel, Brad (DEQ)
Subject: Urgent: Independent Flint Water Study

Mr. Wurfel,

Prof. Marc Edwards of Virginia Tech university has been leading a research project to conduct an independent study of lead in Flint's water. Working with a group of city residents, they have been collecting water samples from homes throughout the city. The study is still under way, but the results so far have been so disturbing that VT has begun posting results on the web in order to alert residents about how serious the problem may be.

This is what VT is reporting:

Over the weekend we analyzed another 72 lead samples collected by Flint residents and mailed to VT. For the 120 samples analyzed to date, ***forty two percent were over 5 ppb,*** *which suggests a serious lead in water problem according to our experience and criteria. Twenty-three (20% of those collected) also exceeded 15 ppb lead, suggesting a serious lead in water problem.* ***That is, the Flint Citizen Science study to date, is finding results worse than the EPA standard which is applied to sampling "worst case" homes.*** *The highest lead sampled in first draw so far was 158 ppb, and the highest sample after 45 second flushing is 1051 ppb. Six of 120 homes sampled (5%), had over 15 ppb lead even after 2 minutes of continuous flushing.* ***The 90%'ile lead level in the Flint Water Study is currently 30 ppb, which is double the EPA standard applied to "worst case" homes, and in a range where water consumption has caused lead poisoning in children and adverse pregnancy outcomes.*** *Needless to say, these data are very worrisome.*

Here is the website containing the information.

I am writing about this for a story that will be posted tomorrow. If the city chooses to respond, I need to hear back from you by the end of the day today, Aug. 31.

Sincerely,

Curt Guyette

Feuerstein, Heather (DEQ)

From:	Wurfel, Brad (DEQ)
Sent:	Monday, September 28, 2015 3:39 PM
To:	Feuerstein, Heather (DEQ)
Subject:	FW: Urgent: Independent Flint Water Study
Attachments:	FW: Flint Water Study-VT

From: Busch, Stephen (DEQ)
Sent: Monday, August 31, 2015 11:25 AM
To: Wurfel, Brad (DEQ)
Subject: RE: Urgent: Independent Flint Water Study

See emails attached.

Stephen Busch, P.E.
MDEQ Lansing District Coordinator
Office of Drinking Water and Municipal Assistance
Lansing and Jackson District Supervisor
517-643-2314
buschs@michigan.gov

From: Busch, Stephen (DEQ)
Sent: Monday, August 31, 2015 10:35 AM
To: Wurfel, Brad (DEQ)
Cc: Shekter Smith, Liane (DEQ); Wyant, Dan (DEQ); Prysby, Mike (DEQ); Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Murray, David (GOV); Wurfel, Sara (GOV); Jessica Brown; Brown, Eric (GOV)
Subject: Re: Urgent: Independent Flint Water Study

Brad,

We are aware of the VT professor. I can bring you up to speed this afternoon or whenever you are available

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

Sent from my iPhone

On Aug 31, 2015, at 10:25 AM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:

> Liane / Steve, can you look into this situation as a priority?
>
> Everyone else -- just got this from the ACLU. Call me if you have questions / counsel.
>
> Thanks.

b

Sent from my iPhone

Begin forwarded message:

From: Curt Guyette <cguyette@aclumich.org>
Date: August 31, 2015 at 10:18:34 AM EDT
To: "wurfelb@michigan.gov" <wurfelb@michigan.gov>
Subject: Urgent: Independent Flint Water Study

Mr. Wurfel,

Prof. Marc Edwards of Virginia Tech university has been leading a research project to conduct an independent study of lead in Flint's water. Working with a group of city residents, they have been collecting water samples from homes throughout the city. The study is still under way, but the results so far have been so disturbing that VT has begun posting results on the web in order to alert residents about how serious the problem may be.

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Here is the website containing the information.

I am writing about this for a story that will be posted tomorrow. If the city chooses to respond, I need to hear back from you by the end of the day today, Aug. 31.

Sincerely,

Curt Guyette

Feuerstein, Heather (DEQ)

From: Rosenthal, Adam (DEQ)
Sent: Wednesday, August 26, 2015 11:44 AM
To: Busch, Stephen (DEQ)
Subject: FW: Flint Water Study-VT

From: Marc Edwards [mailto:edwardsm@vt.edu]
Sent: Wednesday, August 26, 2015 11:41 AM
To: Rosenthal, Adam (DEQ)
Subject: RE: Flint Water Study-VT

Adam,

I am teaching a class on graduate engineering ethics at Virginia Tech, and we are using the Flint situation as our case study this semester.
Would you or someone else from DEQ, be willing to be interviewed by my class on some Wednesday between 4-6:45 pm?

Best Regards,
Marc

From: Marc Edwards [mailto:edwardsm@vt.edu]
Sent: Sunday, August 23, 2015 4:57 PM
To: 'ROSENTHALA@michigan.gov'; 'bwright@cityofflint.com'; 'Ptaszenski, Rachel'
Subject: Flint Water Study-VT

Dear Adam, Mike and Rachel,

Hi there. I am a professor at Virginia Tech who specializes in research on corrosion, opportunistic premise plumbing pathogens, lead in water health effects and engineering ethics.

Over the next few months we will be studying Flint water quality issues, in conjunction with all parties who are interested in this subject.
We will be launching our web page to publicly report results of our work.
We visited Flint last week and collected a lot of samples from the distribution system, and we are also doing a lead in water study with residents, to complement that which was recently conducted by the city under the LCR.

Just giving you a heads up on this, and I hope you can give me a point of contact with each of your agencies.
Dependent on what we find, it might be desirable to touch base, in advance of our releasing certain findings.
We also intend to collaborate with all parties, in an open manner, to the extent that is possible, as our study progresses.

Mike, I think I met you a few years back at a Michigan AWWA event, and Rachel, you were kind enough to send me the coliform/E.Coli data last week. Adam, I am not sure if I have ever met you or not.
My cell phone is PPI , my office phone is 540 231-7236, and my e-mail is on this message. Feel free to call me at any time, if any of you should have any questions about our plans, or the Flint water quality issues that we will be studying.

Best Regards,

Feuerstein, Heather (DEQ)

From: Wurfel, Brad (DEQ)
Sent: Monday, September 28, 2015 3:39 PM
To: Feuerstein, Heather (DEQ)
Subject: FW: Flint Lead
Attachments: Flint PbCu15.doc

From: Prysby, Mike (DEQ)
Sent: Tuesday, September 01, 2015 4:23 PM
To: Wurfel, Brad (DEQ)
Subject: FW: Flint Lead

Brad,

Ron Fonger left me a voicemail concerning questions he has concerning the lead issue in Flint. Specifically, he is aware of the increased discussion of lead in Flint's drinking water and the home tests recently performed at residents request in corroboration with V Tech and concerned groups. Ron discussed this issue w. Mr. Kroft and has the impression that the DEQ has had discussions with the city about the lead issue; however, Mr. Kroft declined to discuss the issue any further. Mr. Fonger wishes to discuss with the DEQ as to what discussions the DEQ has had with the city concerning the lead issue. Can you return Ron's call pertaining to any discussions that the DEQ has had with Mr. Kroft or the city. I am not aware of any verbal discussions. Our written correspondence was the 90th percentile letter that we recently sent to the city acknowledging that they met the lead and copper 90% percentile limits in their most recent round of monitoring (Jan-June 2015). See attached.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING DISTRICT OFFICE

RICK SNYDER
GOVERNOR

DAN WYANT
DIRECTOR

August 17, 2015

Mr. Brent Wright
City of Flint - DPW
Flint Water Plant
4500 North Dort Highway
Flint, Michigan 48505

Dear Mr. Wright:

SUBJECT: Flint, City of WSSN: 02310
Lead and Copper Monitoring of Drinking Water Taps

The Department of Environmental Quality (DEQ), Office of Drinking Water and Municipal Assistance (ODWMA), received your report for the monitoring period January 1, 2015, through June 30, 2015.

Action Levels	Results this monitoring period			
	90th Percentile	# of Samples Above Action Level	# of Samples Required	# of Samples Collected
Lead 15 parts per billion (ppb)	11 ppb	6	60	69
Copper 1.3 parts per million (ppm)	0.16 ppm	0	60	69

Ninety percent or more of the sites you tested are within action levels under the administrative rules promulgated under the Michigan Safe Drinking Water Act, 1976 PA 399, as amended (Act 399). These results must be reported on your 2015 Consumer Confidence Report (CCR) due to our office, your customers, and the local health department, by July 1, 2016. Also include the following statement in the CCR, regardless of the lead and copper levels:

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City of Flint is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at 1-800-426-4791 or at http://www.water.epa.gov/drink/info/lead.

Recent changes to the Lead and Copper Rule (LCR) require the water supply to provide individual lead tap results to people who receive water from sites that were sampled, even if lead was not detected, within 30 days of learning of results. You must also send us a certification that you met all the delivery requirements along with a sample copy of your customer notice by three months after the end of the monitoring period. To download the *Lead and Copper Report and Consumer Notice of Lead Result Certificate* in Microsoft Word or PDF format, visit http://www.michigan.gov/deq. Click on Water, Drinking Water, Community Water Supply, and Reporting Forms under the Manuals, Forms and Brochures heading. Water supplies that fail to distribute the Consumer Notice of Lead Results must include the following statement in their CCR, "During the year, we failed to provide lead results to persons served at the sites that were tested as required by the Lead and Copper Rule."

While the City's LCR compliance monitoring has continued to meet action level requirements, the LCR also requires all large systems (those serving over 50,000 people) to optimize corrosion control regardless of their 90th percentile lead concentration. One way to demonstrate fully optimized corrosion control treatment is through two consecutive six month rounds of LCR compliance monitoring in which the difference between the 90th percentile level and the highest source water lead concentration is less than the Practical Quantitative Level for lead (0.005 milligrams per liter). Since the City did not meet these criteria in both the July – December 2014, and January – June 2015, sampling periods, the City must now recommend a treatment to fully optimize corrosion control treatment within six months in accordance with requirements under Act 399, Administrative Rule 604f (R 325.10604f). **This recommendation must be provided to our office as soon as possible, but no later than January 1, 2016.**

However, given the past use of phosphate treatment by the Detroit Water and Sewerage Department (DWSD) to fully optimize corrosion control treatment when the City was a wholesale customer of DWSD, the ODWMA recommends the City select this as its recommended treatment option, and begin implementation as soon as possible to address ongoing concerns by customers regarding lead levels within their premise plumbing systems. Under the second step of this Rule, the DEQ can specify optimal corrosion control treatment.

Our office will inform you when monitoring needs to be conducted as part of the optimization of the implemented corrosion control treatment. Customer requested samples for lead shall continue to be collected and analyzed. Please make every attempt to select the same sites used in the previous monitoring period, giving Tier 1 sites first priority. If original sites are unavailable, select replacement sites based on the Tier 1, 2, and 3 criteria.

Please contact me at 517-284-6644 or rosenthala@michigan.gov at your earliest convenience to discuss how the City will be complying with the above requirements.

Sincerely,

Adam Rosenthal, Environmental Quality Analyst
Lansing District Office
Office of Drinking Water and Municipal Assistance

cc: Mr. Michael Glasgow, City of Flint

Feuerstein, Heather (DEQ)

From:	Wurfel, Brad (DEQ)
Sent:	Monday, September 28, 2015 3:40 PM
To:	Feuerstein, Heather (DEQ)
Subject:	FW: DRAFT Flint Journal response -- edit, add and subtract from this as you see fit. Need it asap. Thanks!
Attachments:	Editorial response to Virginia Tech testing Flint homes for lead.doc

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From: Shekter Smith, Liane (DEQ)
Sent: Wednesday, September 02, 2015 3:09 PM
To: Wurfel, Brad (DEQ)
Cc: Benzie, Richard (DEQ); Busch, Stephen (DEQ); Prysby, Mike (DEQ)
Subject: FW: DRAFT Flint Journal response -- edit, add and subtract from this as you see fit. Need it asap. Thanks!

Here's a revised version. The track changes make it difficult to read. Can't seem to make it go away though. We suggest you open it and then go to the Review tab and then next to Track Changes, select "Final" from the pick list in the drop down box.

Also, if you haven't opened the note I sent earlier, DHHS has a website with great lead information. http://www.michigan.gov/lead/0,5417,7-310-65933-308641--,00.html
This is their Childhood Lead Poisoning Prevention Program.

From: Wurfel, Brad (DEQ)
Sent: Wednesday, September 02, 2015 12:12 PM
To: Busch, Stephen (DEQ); Shekter Smith, Liane (DEQ); Benzie, Richard (DEQ); Prysby, Mike (DEQ)
Subject: DRAFT Flint Journal response -- edit, add and subtract from this as you see fit. Need it asap. Thanks!

We are aware that Virginia Tech researchers are now testing water at various Flint homes for lead levels in their plumbing.

First, we want to be very clear that the lead issue in Flint, to the extent there is one, is not from the source water or the plant or even the transmission lines. The river has no detectable levels of lead in it, and treated water from the plant has not detectable levels of lead in it. The issue is how, whether, and to what extent the water is interacting with lead plumbing in people's homes.

It does not appear their research lab is certified, and we can't speak to the whatever sampling methods are being employed to achieve these results. The results reported so far fail to track with any of the lead sampling done by the DEQ for the past 25 years (since 1991), or the blood lead levels testing regularly conducted by the state department of community health. That said, we do appreciate that Virginia Tech's team is working on this issue because it brings the public spotlight on an important fact: if you have lead water pipes in your home, or a lead service connection to the city system, it is very likely you are ingesting some level of lead. That's just a fact, and in the City of Flint that fact affects 15,000 or more residences.

The state's monitoring program, which uses certified laboratories and a standardized, federal testing protocol, looks specifically at the homes in communities most likely to experience lead problems. Our results, obtained from two separate rounds of testing over the past year, concluded that the mean average of lead in Flint drinking water, meets state and federal safe drinking water standards.

That said, the state is pushing Flint to 'optimize' its water, which means addressing additives that can minimize the extent to which the water interacts with lead plumbing in homes. While statute allows several years for an operator actually undertake this process – Detroit took five years to complete its water optimization work – we are encouraging Flint water system operators to take these steps immediately and we are encouraged by the conversation so far.

Any resident who has concerns about lead in their drinking water should have their water tested and get professional consultation on how to address it. The leading cause of lead poisoning is known to be lead paint and, in some areas, environmental legacy hot spots where lead is present in soils. However, I will say it again: when homes are fitted with lead plumbing pipes, homeowners should assume there is some varied level of interaction between water and pipes that means exposure.

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Wednesday, September 02, 2015 11:34 AM
To: Wurfel, Brad (DEQ)
Cc: Kristin Longley; Bryn Mickle
Subject: lead in flint water

Brad:
I left a message with Mike Prysby on Tuesday, Sept. 1, but wanted to reach out to you also because of stories we are working on about the extent to which lead is becoming an issue in Flint drinking water.
Today, Sept. 2, researchers at Virginia Tech posted the results on an experiment with Flint water online.

The report concludes that Flint River water leaches much more lead from plumbing than does Detroit.

"On average, Detroit water is 12 times (or 12X) less corrosive than the Flint River water currently in use ... This is creating a public health threat in some Flint homes that have lead pipe or lead solder," the report says.

An earlier post by the same researchers says that initial water tests show "a serious lead in water problem" in Flint, partly because Flint River water is so corrosive to pipes.

Given the state's role in oversight of the city's drinking water system through DEQ and its overall oversight by state emergency managers during the past several years, I wanted to make sure I'm reaching out to the right person to respond to this information.

Could you let me know who that is?

I expect to post the first story about the experiment today and expect the issue will be getting more attention as the VT study of 300 water test kits from Flint is completed.
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile PPI
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

We are aware that Virginia Tech researchers are now testing water at various Flint homes for lead levels ~~in their plumbing~~. We appreciate that Virginia Tech's team is working on this issue because it brings the public spotlight on an important fact: if you have lead water pipes or plumbing fixtures containing lead in your home, or a lead service connection to the city system, it is very likely you are ingesting some level of lead. That's just a fact, and in the City of Flint, that fact affects 15,000 or more residences.

However~~First~~, we want to be very clear that the lead levels being detected~~issue~~ in Flint~~, to the extent there is one, is not from the source~~drinking water are not coming from~~or~~ the treatment plant or ~~even~~ the city's transmission lines. ~~The river has no detectable levels of lead in it, and t~~Treated water leaving~~from~~ the plant has ~~not~~ detectable levels of lead in it. The issue is how, whether, and to what extent the drinking water is interacting with lead plumbing in people's homes.

It does not appear ~~their~~ the Virginia Tech research lab is certified, and we can't speak to the ~~whatever~~ sampling methods ~~are~~ being employed to achieve these results. The results reported so far fail to track with any of the lead sampling conducted by the city.~~done by the DEQ for the past 25 years (since 1991), or~~ In addition, the Virginia Tech results are not reflected by the blood lead level~~s~~ testing regularly conducted by the state department of community health that have not shown any change since Flint switched sources. ~~That said, we do appreciate that Virginia Tech's team is working on this issue because it brings the public spotlight on an important fact: if you have lead water pipes in your home, or a lead service connection to the city system, it is very likely you are ingesting some level of lead. That's just a fact, and in the City of Flint that fact affects 15,000 or more residences.~~

The state's compliance monitoring ~~program, which~~program requires the city to uses certified laboratories and a standardized, federal testing ~~protocol,~~protocol that looks specifically at the homes in communities most likely to experience lead problems. The latest~~Our~~ results from Flint, obtained from two separate rounds of testing over the past year, indicated~~concluded~~ that ~~the mean average of lead in~~ Flint drinking water, meets state and federal safe drinking water standards for lead.

That said, the state has requested~~is pushing~~ Flint to 'optimize' its water treatment to further limit exposure~~, which means addressing additives that can minimize the extent to which the water interacts with~~ to lead from plumbing in homes. While statute allows several years for a drinking water system ~~n operator actually~~to actually undertake this process – Detroit took five years to complete its water optimization work – we are encouraging Flint water system operators to take these steps immediately and we are encouraged by the conversation so far.

Any resident who has concerns about lead in their drinking water should have their water tested at a certified laboratory and get professional consultation on how to address it. The leading cause of lead poisoning is known to be lead paint and, in some areas, environmental legacy hot spots where lead is present in soils. However, I will say it again: when homes are fitted with lead plumbing or plumbing fixtures containing lead~~pipes~~, homeowners should assume there is some varied level of interaction between water and pipes that results in lead~~means~~ exposure.

Rennaker, Joanne (DEQ)

From: Crooks, Jennifer <crooks.jennifer@epa.gov>
Sent: Thursday, May 07, 2015 4:54 PM
To: Busch, Stephen (DEQ); Prysby, Mike (DEQ); Cook, Pat (DEQ)
Cc: Shekter Smith, Liane (DEQ); Benzie, Richard (DEQ); Philip, Kris (DEQ); Deltoral, Miguel; Poy, Thomas; Porter, Andrea
Subject: Flint

Steve and Mike—I mentioned this briefly to Liane last week at our State Directors' meeting when Liane was here in Chicago, and I want to keep you all in the loop as to what we're doing here: After Miguel and I went to Bay City to give presentations at the Local Health Dept workshop on Monday afternoon last week, we stopped at Ms. LeeAnne Walters' home in Flint Monday to take her sample bottles for a sampling study. We stayed several hours to check out the plastic plumbing in her home, the piping out of her house, what mains the other homes in the neighborhood were likely to be getting their water from, etc, and Miguel took many pictures. Miguel is working with Mark Edwards at Virginia Tech, a well-known national expert in the area of lead, and Mike Schock at EPA's Office of Research and Development in Cincinnati.

Miguel drove back to Flint yesterday to be present when the City replaced Ms. Walters' water service line. Miguel took a piece of the service line pipe for analysis and to study the scale on the inside of the pipe.

Miguel is putting together a summary of his findings, which he will complete next week. He will send his summary to you all for your review. I will be out of the office tomorrow, but back in the office next Monday – Thursday, in case you have questions; or you can contact Tom Poy tomorrow.

Jennifer

Jennifer Kurtz Crooks
Michigan Program Manager
Ground Water and Drinking Water Branch
U.S. EPA Region 5
77 West Jackson Blvd.
Chicago, Illinois 60604
312.886.0244
crooks.jennifer@epa.gov
312.582.5853 (fax)

Rennaker, Joanne (DEQ)

From: Shekter Smith, Liane (DEQ)
Sent: Wednesday, July 01, 2015 8:31 AM
To: Busch, Stephen (DEQ); Benzie, Richard (DEQ); Sygo, Jim (DEQ)
Cc: Shaler, Karen (DEQ); Devereaux, Tracy Jo (DEQ); Monosmith, Carrie (DEQ)
Subject: Fw: Flint

We'll need to discuss after we receive Miguel's report, but before the call later this month.

From: Hyde, Tinka <hyde.tinka@epa.gov>
Sent: Tuesday, June 30, 2015 4:40 PM
To: Shekter Smith, Liane (DEQ)
Cc: Monosmith, Carrie (DEQ); Henry, Timothy; Poy, Thomas; Bair, Rita; Damato, Nicholas
Subject: Flint

Hi Liane – I'm following up on the voicemail I left for you earlier today. I'm also copying Carrie Monosmith as I did get a chance to chat with her. In advance of our call scheduled for 7/21/15, I wanted to provide you with an update related to water quality challenges in Flint. I understand that some discussion occurred on June 10th with Tom Poy and staff during the semi-annual call regarding MDEQ's implementation of the LCR rule and the status of Flint. The Region is concerned about the lead situation in Flint and suggested that additional ORD assistance could be provided to Flint's Advisory Committee. We understand that the city is finishing up its second set of 6-month initial monitoring and I have scheduled a call with you on July 21st so we can discuss the Flint situation in more detail.

As you know, my staff have been out to Flint to collect samples and data which we felt could uniquely inform the NDWAC process and ultimately better inform the LCR rulemaking. Tom Poy asked Miguel Del Toral to prepare a report summarizing the visits and findings. Last week Miguel completed a draft interim report and provided it to management. Once Miguel addresses our comments, we will provide you with a copy of that report. In most cases, an internal EPA memo would not be distributed outside the agency, but given his interaction with the homeowner for one of the sampling locations, Miguel has shared a copy of the draft interim report as a courtesy with this Flint resident. Based on Miguel's initial analysis, elevated lead levels were found at this residence. In addition, it appears that the source of the lead may be from outside the home (Note: plumbing in the home is largely plastic).

Please know that Region 5 management is still being briefed on the lead issues in Flint and we look forward to the opportunity to discuss the situation with you in more detail so we can better characterize what MDEQ is already doing in Flint and how public health protection can best be provided to the citizens of Flint. If you would like to discuss this in advance of our call, please feel free to contact myself, or Tim Henry (312-886-6107). Thanks

Tinka G. Hyde
Water Division Director
USEPA W-15J
77 W. Jackson Blvd
Chicago, IL 60604

Office: 312-886-9296
Cell: PPI

Rennaker, Joanne (DEQ)

From: Shekter Smith, Liane (DEQ)
Sent: Tuesday, July 21, 2015 10:52 AM
To: Hyde, Tinka
Cc: Poy, Thomas; Bair, Rita; Damato, Nicholas; Busch, Stephen (DEQ); Cook, Pat (DEQ); Benzie, Richard (DEQ)
Subject: RE: AGENDA for Today's Call on Flint

Thanks Tinka.

During discussion issue #1, we would like to discuss our (hopefully, mutual) understanding of the timeline for next steps.

Also, while we understand your concerns with the overall implementation of the lead and copper rule(s); we think it is appropriate for EPA to indicate in writing (an e-mail would be sufficient) your concurrence that the city is in compliance with the lead and copper rule as implemented in Michigan. This would help distinguish between our goals to address important public health issues separately from the compliance requirements of the actual rule which we believe have been and continue to be met in the city of Flint.

And finally, we would also like to discuss our concern that the draft report was released by EPA and that we (DEQ) obtained a copy of the report from an outside (ACLU) website.

Liane J. Shekter Smith, P.E., Chief
Office of Drinking Water and Municipal Assistance
Michigan Department of Environmental Quality
517-284-6543

From: Hyde, Tinka [mailto:hyde.tinka@epa.gov]
Sent: Tuesday, July 21, 2015 9:07 AM
To: Shekter Smith, Liane (DEQ)
Cc: Poy, Thomas; Bair, Rita; Damato, Nicholas
Subject: AGENDA for Today's Call on Flint

Hi Liane – In preparation for our call today we've prepared an agenda (attached) with some background and discussion points. Please let me know if you have other items you wish to discuss. Thanks

Tinka G. Hyde
Water Division Director
USEPA W-15J
77 W. Jackson Blvd
Chicago, IL 60604

Office: 312-886-9296
Cell: PPI

Rennaker, Joanne (DEQ)

From: Wurfel, Brad (DEQ)
Sent: Friday, July 10, 2015 12:37 PM
To: Busch, Stephen (DEQ); Shekter Smith, Liane (DEQ); Benzie, Richard (DEQ)
Cc: Wyant, Dan (DEQ); Tommasulo, Karen (DEQ); Pallone, Maggie (DEQ); Feuerstein, Heather (DEQ); Thelen, Mary Beth (DEQ); Murray, David (GOV); Brown, Jessica (GOV)
Subject: FW: here's the interim report

Heads up, I just did an interview with Michigan Radio (Lindsey Smith) regarding the lead issue in Flint.

Essentially, one of the residents complained to EPA about water quality in her home, and EPA's lead expert stopped by while he was in town to take some samples. He then completed a draft report and sent it – unvetted by Region V program brass – to the homeowner. That homeowner then leaked it to the ACLU, and the ACLU has been raising hell with it. There's a link to the draft below.

The situation is that Flint is now finishing a second round of statutorily required testing to determine whether the Ph of the Flint River water is causing a problem with lead and copper (popular water line material in old homes). The issue isn't lead in the source water, but in the premise plumbing. So far, tests on 100+ homes last year and another 100 this year are showing the city in compliance with lead and water, so we can say we're not seeing a problem, but we're only 70 % done processing the samples from January – December.

Thanks to Steve Busch for a great debrief on this yesterday afternoon.
b

From: Lindsey Smith [mailto:lmsmi@umich.edu]
Sent: Thursday, July 09, 2015 4:48 PM
To: Wurfel, Brad (DEQ)
Subject: here's the interim report

http://www.aclumich.org/sites/default/files/file/EPAWaterReport062415.pdf

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Lindsey Smith
West Michigan Reporter
Michigan Radio
Office (616) 551-0717
michiganradio.org

Rennaker, Joanne (DEQ)

From: Crooks, Jennifer <crooks.jennifer@epa.gov>
Sent: Tuesday, July 28, 2015 9:47 AM
To: Shekter Smith, Liane (DEQ); Benzie, Richard (DEQ); Philip, Kris (DEQ); Monosmith, Carrie (DEQ); DeBruyn, Dana (DEQ); Dettweiler, Dan (DEQ); Busch, Stephen (DEQ); Prysby, Mike (DEQ); Cook, Pat (DEQ); Holdwick, Kevin (DEQ)
Cc: Poy, Thomas; Bair, Rita; Damato, Nicholas; Shoven, Heather; Kuefler, Janet; Murphy, Thomas; Porter, Andrea; Deltoral, Miguel
Subject: Final Notes from Michigan semi-annual call on 6/10

I was supposed to finalize these in mid-July, but I didn't receive any changes from anyone, so these notes are final now. Thank you all again for participating.
Jennifer

From: Crooks, Jennifer
Sent: Wednesday, July 01, 2015 5:31 PM
To: Shekter Smith, Liane (DNRE); Richard Benzie; kris philip; Monosmith, Carrie (DNRE); DeBruyn, Dana (DEQ); Dettweiler, Dan (DEQ); Busch, Stephen (DEQ); 'Prysby, Mike (DEQ)'; 'cookp@michigan.gov'; Holdwick, Kevin (DEQ)
Cc: Thomas Poy; Bair, Rita; Damato, Nicholas; Shoven, Heather; Kuefler, Janet; Murphy, Thomas; Porter, Andrea; Deltoral, Miguel
Subject: Draft Notes from Michigan semi-annual call on 6/10

All—Below are my draft notes from our call last week, June 10, 2015. Thank you all for participating. I apologize for the delay in getting these out in draft to you all for review—I was hoping to get a couple of items ironed out that were fuzzy during our discussions, but hasn't happened yet. Several ACTION items below. So, please review to make sure I documented our discussion/agreements correctly, and feel free to edit as needed. I you could get back to me by July 13, that would be great. Thank you!

Jennifer

Attendees:
MDEQ: Liane Shekter-Smith, Richard Benzie, Carrie Monosmith, Kris Philip, Dan Dettweiler, Marjorie Rodriguez (Student), Kevin Holdwick, Mike Prysby, Dana DeBruyn, Steve Busch
EPA Region 5: Tom Poy, Rita Bair, Nick Damato, Janet Kuefler, Michele Palmer, Tom Murphy, Heather Shoven, Cary McElhinney, Andrea Porter, Miguel Deltoral, Mostafa Noureldin

Summary:

1.Changes in Lead Disinvestments and Commitments for FY 2016 ARDP—for discussion: Due to our extreme focus on lead in drinking water, this is the consensus here.

a. Consumer notification of tap results at NTNCWSs:

(Suggested wording) The NCWS program commits to full implementation of the lead consumer notification of tap results requirement, to begin in CY 2016. Region 5 will assist in a notification outreach effort in late FY 2015 to remaining 698 NTNCWSs that are not schools/daycares, to begin providing lead consumer notice in CY 2016. NCWS program commits

to include information on providing lead consumer notice in the annual monitoring letter sent to all NTNCWSs for CY 2016.

STATE: The State found this change in the wording acceptable.

b. Collection of Lead samples at NTNCWSs during June – September 2016 timeframe

(Suggested wording) NCWS program commits to including information in the applicable NTNCWS annual monitoring letters of the requirement to collect their annual/triennial lead sample between June and September only, during CY 2016. The MDEQ NCWS program currently does not have the capability to easily track lead sampling compliance within this specific timeframe.

STATE: The State found this change in the wording acceptable.

c. Follow-up Actions for NTNCWSs that sample outside of June-September 2015 timeframe

(From 5/5/15 call notes w/EPA) MDEQ commits to providing Region 5 with all CY 2015 lead (and copper?) sample data for all NTNCWSs by March 2016 so that EPA can analyze how many PWSs monitored outside the June through October timeframe. EPA commits to follow-up with MDEQ to discuss follow-up actions.

STATE: The State agreed to providing EPA R5 the raw lead and copper data for all CY 2015 for all NTNCWSs. The WaterTrack database does have data, but it can't generate violations. MDEQ doesn't commit to enforcing against 2016 violators in FY 2016. The State said, it is planning on disinvesting in enforcing against these violators due to limited capability of WaterTrack; however, if the State's noncommunity data management capabilities improve during FY 2016, implementation of this disinvestment may become a reality. The State has not designated an alternate timeframe, or done system specific documentation as to why the system qualifies for a different timeframe.

d. Submittal of the lead and copper reporting form

(Suggested wording) MDEQ commits to requiring CWSs and NTNCWSs to submit the lead and copper reporting form via the annual monitoring letters to each system, tracking CWSs and NTNCWSs submittal of the lead and copper reporting form, and commits to issuing violations for failure to submit the lead and copper reporting form. The reporting form provides the address of the sample site, designates sampling site selection criteria, and explanation(s) for any changes in sampling sites.

STATE: Dan Dettweiler stated that the NCWS program was not in a position to do this for the NTNCWSs at this time. Tom Murphy asked how does WaterTrack handle/track high lead results? Tom M said there is a truncation issue on the sample location name field. Dan acknowledged that this problem has been identified, and the Department of Technology Management and Budget (DTMB) has been trying to fix this problem, but it is a challenging problem. Dan stated that sample sites for NTNCWSs are actually identified by LHDs during the sanitary survey and are documented in the sanitary survey. The LHDs check the pdf of the laboratory results that clearly states where the sample was taken, and calculates the 90th percentile. However, Dan stated that the requirement to send in the lead and copper reporting form is not currently in the LHD annual monitoring letter sent to each system. The NTNCWSs do not couple this form to the Lead Consumer Notice, as does the CWSs. Kris Philip pointed out that the LHDs select the sample sites, thus when they are calculating the 90th percentile, they are actually double checking the sites with the results.

From our discussion, the Region concluded that at this time, the LHDs are actively reviewing the lead and copper results and the sample locations when they calculate the 90th percentiles to ensure proper LCR monitoring is conducted by ALL NTNCWSs at the proper sample sites. After our call, I asked for verification of this statement, and Dan Dettweiler

responded, "Just as with an exceeding value of an MCL, WaterTrack alerts the LHD when at least one sample for a water system exceeds the AL. A 90th percentile calculation is made only when an exceeding result alerts the LHD. For cases where there are no exceeding results, private lab samples are reviewed at the time LHDs hand-enter them into WaterTrack. State lab samples, which flow electronically via nightly downloads from the state lab database, are reviewed when pdfs of the analysis reports are, routinely, emailed by the state lab to LHDs. Beyond that, MDEQ's annual evaluation of the LHDs provides another opportunity for us to oversee the proper assigning and use of designated sampling locations."

ACTION: The Region will discuss Dan's response internally, and get back to the State with any issues/concerns.

Kris Philip said that the CWS program is requiring that the systems submit the form, but they are not enforcing whether or not the system submits the form. Often, the CWS will submit the Lead Consumer Notice and the Lead and Copper reporting form together. Kris said if 90%+ are already submitting the forms, then the State will agree to follow-up and enforce this requirement. But, if less than that, will probably be too much of a burden. Kris said they may change the way DEQ is tracking in SDWIS during FY 2016. But, the Region said SDWIS-Prime probably won't be available until 2017 at the earliest.

ACTION: Kris Philip will research with the District Offices to determine the current submittal rate of the lead and copper reporting form from CWSs; and report back to the Region.

2. Enforcement Update with Heather

NTNCWSs under Bottled Water agreements due to Arsenic MCL violations:
Per discussions with Region 5 and the February 2014 EPA/OECA memo, MDEQ has closed the old Arsenic open-ended MCL violations; however, no further quarterly monitoring is being conducted at the (±27) systems that are still under bottled water agreements. Thus, no more arsenic MCL violations will be reported for these systems and these systems will not become priority systems (ETT score of 11 or more) since only one arsenic MCL violation will be reported (5 points) even though they have a longstanding issue with arsenic noncompliance. The Region would like to discuss the pros and cons of placing these PWSs with arsenic MCL violations on quarterly monitoring as required under 40 CFR Section 141.23(c)(7); and brainstorm possible solutions.

Heather provided an update on how the State is doing in returning ETT systems to compliance; the State is doing very well in achieving its commitment for FY 2015. Heather said the Region is glad to see the State and LHD prioritization of implementation of the drinking water program and NTNCWS schools and daycares.
Referring to the NTNCWSs under BW agreements that are in violation of the Arsenic MCL, Heather said that since there are no more open-ended MCL violations in SDWIS, that no MCL violations can be reported to SDWIS unless there is monitoring to show the system is in non-compliance. Even though the LHD has indicated that these systems are drinking bottled water for public health protection, the use of bottled water cannot be a permanent solution to the fact that the system's drinking water at the tap continues to exceed the MCL for arsenic. Dan said there are 22 systems, where 8 are schools, that should be conducting quarterly monitoring. Dana said that letters have been sent (OR drafted?) to these 22 systems to require quarterly sampling for arsenic; these 22 systems are in 10 different counties so the message from the State is consistent. A secondary effect of this new requirement for the systems, may be that they transition to another water source or install treatment sooner.

The State voiced a concern that multiple quarterly violations could potentially affect the State's relationship with the LHDs financially. Genesee and Oakland Counties have quite a number of noncommunity water systems. Multiple quarterly violations could affect the Dept of Community Health's determination as to whether the LHDs are meeting their minimum program requirements; thus receive full funding for their work with the noncommunity systems for the drinking water program. The LHDs cannot have more than 20% of their systems with violations. The Region wonders how much funding would be cut from a LHD contract if it exceeds the 20% noncompliance level set in the contract?

3. Status of Flint

a. TTHM levels for May—Due to MDEQ district engineer June 10-RECEIVED; see link to results

https://www.cityofflint.com/2015/06/01/may-water-testing-results-show-all-locations-are-within-acceptable-limits-for-tthm/
All samples below the TTHM MCL; one site still has an LRAA above the MCL but decreased from 105 ppb in Feb to 93.5 ppb in May.

Mike Prysby said he is getting ready to issue the construction permit to the City of Flint to install a GAC filter in July, that will remove more TOC to further reduce the potential of developing TTHMs. Mike said he has already issued a construction permit for a transmission line within the City that will help reduce water age.

b. Lead in Flint

Our discussions with MDEQ indicate that no phosphates/corrosion control has been added to the system since April 2014 when the source of drinking water changed to the Flint River. We understand that the City is just finishing up its second set of 6-month initial monitoring for lead; where the results will probably warrant a Corrosion Control Study to be conducted. Since Flint has lead service lines, we understand some citizen-requested lead sampling is exceeding the Action Level, and the source of drinking water will be changing again in 2016, so to start a Corrosion Control Study now doesn't make sense. The idea to ask Flint to simply add phosphate may be premature; there are many other issues and factors that must be taken into account which would require a comprehensive look at the water quality and the system before any treatment recommendations can/should be made. Miguel is recommending MDEQ and EPA? approach Flint about formally requesting EPA's Office of Research and Development in Cincinnati support on the lead in Flint drinking water issue, and request that Mike Schock, ORD, and possibly Darren Lytle, ORD, to participate in Flint's drinking water advisory committee so that a comprehensive evaluation on how to proceed can be discussed.

Miguel provided a brief summary of the high lead results found at the residence of Ms. Leeanne Walters in Flint. Miguel will follow up with a written summary of the work conducted, sample results, and conclusions.
Miguel believes that lead levels in Flint are being affected by the lack of Corrosion Control being conducted by the City, since the LCR requires 2 6-month initial monitoring for a new source. Steve Busch stated that in the Lead sampling pool, almost all of the lead sample sites are lead service lines, and the State is not seeing large increases in lead levels at the tap. Miguel suggested that EPA experts in Lead, Mike Schock; and in distribution systems, Darren Lytle, be added to the Flint drinking water advisory committee to assist the City/State in determining the best way to proceed to minimize lead in the City's drinking water during the interim use of the Flint River, and subsequent use of Lake Huron water.

Miguel said he will send Mike Schock and Darren Lytle's contact information to Steve and Mike. Steve pointed out that the City is following the LCR requirements, and completing the requirements in a timely manner. Miguel's point is that since the LCR was promulgated 20+ years ago, that research and different situations, like Washington D.C., have educated scientists, experts, and regulators that the existing requirements in the LCR may not be as protective as previously thought. Thus, he can only make recommendations as to how to revise sampling protocols. And Miguel acknowledges that it may be another year before these regulation changes are promulgated in the Long-Term Lead and Copper Rule. In December 2015, the NDWAC recommendation is expected.

The Region asked the State if the Flint River will be a permanent supplemental source of drinking water, once the City of Flint connects with the Karegdodi pipeline from Lake Huron. Mike Prysby said that the City is currently pumping 22MGD, but the City has 40-50 MG of storage. The City is currently working on reducing its unaccounted for water losses, and these water losses are dropping. The State, through the Governor's office, provided disadvantaged system funding, $2M which includes $900K for lead detection, and pipe inspection.

4. Update on WaterTrack to SDWIS-State: The migration of WaterTrack data to SDWIS-State was number 39 on the Dept of Technology Management and Budget's (DTMB) project list last year; this year it is

number 30. It doesn't appear this project has a high priority. Does the State have any new information on the progress of this project?

Dan said that the migration of WaterTrack data to SDWIS-State has moved to a priority of 26 with DTMB so far this year. But Dan said they are going to take this project out of the que, since Ronda Page has returned to the drinking water program from DTMB. Ronda said she re-estimated DTMB's involvement in this project to be far less than originally thought, so there is no need for any program developers or the tech team. This project will only need the Data Team and the web designers only. Ronda said they can set-up on a new server and migrate the data from WaterTrack to SDWIS-State themselves; in-house. Kris Philip remembers migrating the CWS data to SDWIS-State, so she can be a resource for this project. The parts that are needed to be completed by DTMB could be contracted out. Cary McElhinney said that there is a process of withholding PWSS grant funds and re-directing the funds to a HQ contract with SAIC. Richard Benzie said the process worked well last year when MI used PWSS funds to contract with a HQ contractor to conduct NEEDS survey training.

ACTION: Jen will follow up with State and Tribal Programs Branch about the process and timing of holding back funds from the PWSS grant for the purpose of contracting with SAIC.

5. Consequences of cutting the State drinking water program to a "minimal program"

Jennifer had a discussion with Richard Benzie regarding the possibility of the Michigan State Legislature looking to have just a minimal drinking water program, meaning only a program with activities that are required by the Federal SDWA. Jennifer ultimately discussed this internally with Tom Poy. The minimal program suggested would cut out Operator Certification, Capacity Development, Plan Review, Cross Connection Control, Source Water Protection, among other programs that are State required. Operator Certification and Capacity Development, while not required by the Federal regulations, do have financial strings attached. And Plan review/construction permits are required by the SRF program for a loan. Any recent communication with the State Legislature that they might proceed and make this possibility a reality?

Richard and Liane said there is no current threat from the State Legislature to cut the State-funded PWSS program activities. But there is a State-wide impetus to delete old programs and regulations, so this could lead to questioning the purpose of State-funded PWSS program activities. Richard is just being proactive in preparing a justification. Richard remembers a discussion many years ago about what constitutes a "comprehensive drinking water program". Tom Poy and Jennifer commented in a previous communication with Richard that the EPA PWSS primacy program and the State-funded activities in the drinking water program were meant to complement each other. To support this statement, Jennifer sent Richard some PWSS Priority guidance from the 90's, some preamble language from the 1976 SDWA found by our attorney, and language from Section 142 of the SDWA regulations from 1976 that might assist him in his justification.

6. EPA's Resource Message at the LHD Workshop in April

From the 2014 analysis of Shared Goals 2013 data, which is compliance data, for noncommunity systems, there are increasing trends of nitrate M/R violations for both NTNCWSs and TNCWSs. We discussed this on the last semi-annual call. Analysis of the 2015 Shared Goals 2014 data (April 2015) shows an improvement—that of decreasing numbers of bacti/nitrate M/R violations.

However, in light of the upcoming implementation of RTCR in 2016, the question raised here in the Region is:

Does the State have a plan with the LHDs as to what activities must be prioritized, and what will fall off the plate? Not all LHDs will need to disinvest based upon each LHD's resources, but some poorly funded LHDs may have to disinvest in some activities/drop activities that have no risk to public health.

Carrie Monosmith said that she met with the RTCR workgroup, comprised of LHD Directors/sanitarians, last fall to identify activities that the state can disinvest in during the next several years as the LHDs begin implementation of RTCR. They could not identify any activity that could be dropped. The main thing that will help the LHDs save time is to get the electronic DWR (eDWR) going, or the CMD portal, which will drastically reduce the LHDs time in inputting laboratory data into WaterTrack/SDWIS-State. From there, they can develop electronic data forms (CROMEER compliant) that the systems can submit.

Thank you!

Jennifer

shekterl@michigan.gov; 'Richard Benzie' <benzier@michigan.gov>; 'kris philip' <philipk@michigan.gov>; 'Monosmith, Carrie (DNRE)' <MONOSMITHC@michigan.gov>; 'DeBruyn, Dana (DEQ)' <DebruynD@michigan.gov>; Dettweiler, Dan (DEQ) <DETTWEILERD@michigan.gov>; Poy, Thomas <poy.thomas@epa.gov>; Kuefler, Janet <kuefler.janet@epa.gov>; Damato, Nicholas <damato.nicholas@epa.gov>; Shoven, Heather <shoven.heather@epa.gov>; Murphy, Thomas <murphy.thomas@epa.gov>; Bair, Rita <bair.rita@epa.gov>; McElhinney, Cary <mcelhinney.cary@epa.gov>; Pniak, Edward <pniak.edward@epa.gov>; 'cookp@michigan.gov'; 'Prysby, Mike (DEQ)' <PRYSBYM@michigan.gov>; Busch, Stephen (DEQ) <BUSCHS@michigan.gov>

Rennaker, Joanne (DEQ)

From: Poy, Thomas <poy.thomas@epa.gov>
Sent: Friday, September 11, 2015 2:49 PM
To: Shekter Smith, Liane (DEQ); Benzie, Richard (DEQ); Busch, Stephen (DEQ); Crooks, Jennifer
Subject: Draft Response
Attachments: AL-15-001-3725 (Kildee Flint) 9-11-15.docx

Liane: Here is my draft response that I sent up the mgmt chain. As I mentioned on the call, it will likely be edited down as the RA likes one page responses.

Tom

Tom Poy
Chief, Ground Water and Drinking Water Branch
USEPA - Region 5
(312) 886-5991

The Honorable Daniel Kildee
Member, U.S. House of Representatives
Washington, DC 20515-1313

Dear Congressman Kildee:

Thank you for your September 9, 2015 letter regarding drinking water quality in Flint and the June 24, 2015 U. S. Environmental Protection Agency memorandum from Miguel A. Del Toral to Thomas Poy. EPA shares your concern about the quality of the drinking water in Flint. Our focus has been to work with the Michigan Department of Environmental Quality (MDEQ) and the City of Flint so they can provide clean and safe water to its residents.

Mr. Del Toral's June 24, 2015 internal memo summarizing the activities conducted in response to a Flint resident's request for help with high lead levels and expressing his concerns about Flint's drinking water was sent to Mr. Poy. Mr. Del Toral's statements in the memorandum regarding concerns about lead levels in Flint are his professional judgments based on the facts that Flint has not provided corrosion control treatment after switching source waters and that EPA sample results from some homes in Flint found high levels of lead. In addition, the last two rounds of compliance monitoring conducted by Flint, while below the lead action level of 15 micrograms per liter (ug/L), had lead concentrations trending higher.

The lead compliance goal under the Lead and Copper Rule (LCR) is to not exceed the lead action level of 15 ug/L in at least 90% of the samples taken. This is determined by comparing the 90th percentile concentration (e.g., the 90th highest value out of 100 results) to the lead action level. The last two rounds of compliance monitoring that the MDEQ had Flint conduct had the 90th percentile concentrations below the lead action level. The round of samples taken from July 2014 to December 2014 had a 90th percentile value of 6 ug/L. The last round of samples taken from January 2015 to June 2015 had a 90th percentile value of 11 ug/L. Public notice is provided when the action level is exceeded.

Even if public notice is not required, the LCR requires that homeowners whose water was sampled for lead by the water system receive a copy of their individual lead results, including an explanation of health effects and steps the consumer can take to reduce lead exposure from drinking water. EPA and the Centers for Disease Control and Prevention believe there is no safe level of lead exposure. Lead is harmful to health, especially for children. While paint, dust, and soil are the most common sources of lead, drinking water can contribute 20 to 40 percent of an

infant's lead exposure. Lead is typically not found in a utility's source water. It comes from pipes and fixtures, some of which is the owned by the homeowner. Therefore, it is difficult to say with certainty what the lead levels are in each home. The goal is to remove as much lead from drinking water as possible.

EPA promotes a number of options to reduce the amount of lead in the drinking water.

- Have your water tested. The water system will test drinking water for residents upon request.
- Be aware of any work that could disturb your lead service line, such as water main replacement, lead service line repair or replacement of part of the service line.
- Run water before use if it has not been used for several hours. The amount of time to run the water will depend on whether the home has a lead service line or not.
- Use only cold water for drinking, cooking, and preparing baby formula.
- Purchase a water filter that is certified to remove "total lead."
- On a regular basis clean and remove any debris from faucet aerators to clear out any particles of lead that may become trapped in the aerator.
- Purchase lead-free faucets and plumbing components.
- Remove the entire lead service line.

The compliance monitoring conducted by Flint also shows that they do not have optimized corrosion control and they should implement treatment as soon as possible. To help with the implementation of corrosion control treatment, EPA has offered and Flint has accepted technical assistance from EPA's Office of Research and Development experts on lead and water distribution systems to compliment the expertise of MDEQ field staff.

In addition to assisting on needed treatment for Flint's water system, EPA is currently evaluating Flint's compliance with the LCR. We are working with our legal counsel to confirm our interpretation of the LCR regulations regarding maintaining optimum corrosion control treatment. Also, EPA is reviewing the latest round of lead compliance monitoring conducted by Flint to see if all of the relevant samples have been included in the 90th percentile compliance calculation. We will provide you with the results of our evaluation when it is completed.

Again, thank you for your letter. If you have further questions, please contact me, or your staff may contact Denise Fortin, the Region 5 Congressional Liaison, at (312) 886-3000.

Sincerely,

Susan Hedman
Regional Administrator

cc: Catherine Davis – OCIR-CA-WPTT
Office of Water

DRAFT

Rennaker, Joanne (DEQ)

From: Busch, Stephen (DEQ)
Sent: Thursday, July 09, 2015 5:21 PM
To: Wurfel, Brad (DEQ); Benzie, Richard (DEQ); Shekter Smith, Liane (DEQ)
Cc: Pallone, Maggie (DEQ); Wyant, Dan (DEQ)
Subject: RE: here's the interim report

Obviously we are not going to comment on an interim draft report.

To address your question from Lindsey, the following text comes from an official memorandum of Benjamin H. Grumbles, Acting Assisant Administrator of EPA at the time, November 23, 2004, to all EPA Regional Administrators Subject: Lead and Copper Rule (LCR) – Clarification of Requirements for Collecting Samples and Calculating Compliance, which in part states:

"The LCR also defines a proper sample as a first draw sample, 1 liter in volume, that is taken after water has been standing in plumbing for at least six hours, and from an interior tap typically used for consumption – cold water kitchen or bathroom sink tap in residences. [40 CFR 141.86(b)(2)] There is no outer limit on standing time."

While it indicates there is no outer limit on standing time, the only requirement is that it be at least those six hours. This was also incorporated into the 2007 LCR minor revisions.
See link below (note the final question at the bottom of the page on long term revisions the response for which includes "broader revisions to monitoring")
http://water.epa.gov/lawsregs/rulesregs/sdwa/lcr/fs_lcr_2007_final.cfm

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: Wurfel, Brad (DEQ)
Sent: Thursday, July 09, 2015 4:54 PM
To: Busch, Stephen (DEQ); Benzie, Richard (DEQ); Shekter Smith, Liane (DEQ)
Cc: Pallone, Maggie (DEQ); Wyant, Dan (DEQ)
Subject: FW: here's the interim report

Steve,
The ACLU has saved us the trouble of waiting on EPA for the report … it's online at the link below. Lindsey Smith at Mi Public Radio picked up the story from Josh. Her inquiry has to do with EPA's Miguel making an assertion that we (DEQ) encourage people to flush their pipes before taking a water sample … which is the opposite of what you described to me as the protocol. Miguel apparently asserts that the DEQ and EPA are at odds on proper protocol. Which seems weird.

Let's discuss. Thanks!
b

From: Lindsey Smith [mailto:lmsmi@umich.edu]
Sent: Thursday, July 09, 2015 4:48 PM
To: Wurfel, Brad (DEQ)
Subject: here's the interim report

http://www.aclumich.org/sites/default/files/file/EPAWaterReport062415.pdf

--
Lindsey Smith
West Michigan Reporter
Michigan Radio
Office (616) 551-0717
michiganradio.org

Rennaker, Joanne (DEQ)

From: Benzie, Richard (DEQ)
Sent: Monday, August 24, 2015 10:56 AM
To: Shekter Smith, Liane (DEQ); Busch, Stephen (DEQ)
Subject: RE: Flint Water Study-VT

Should we have them include Pat Cook as the Treatment Specialist and LCR Manager for the community program?

Do we want to be sure they are aware of the impending change in source water in 2016 and that they should not spend a lot of resources making recommendations about changes to water treatment or water quality without first knowing that fact?

From: Shekter Smith, Liane (DEQ)
Sent: Monday, August 24, 2015 10:31 AM
To: Busch, Stephen (DEQ); Benzie, Richard (DEQ)
Subject: RE: Flint Water Study-VT

Perhaps we should put them in touch with the UM folks.

From: Busch, Stephen (DEQ)
Sent: Monday, August 24, 2015 10:23 AM
To: Benzie, Richard (DEQ); Shekter Smith, Liane (DEQ)
Subject: FW: Flint Water Study-VT
Importance: High

FYI.

Stephen Busch, P.E.
MDEQ Lansing District Coordinator
Office of Drinking Water and Municipal Assistance
Lansing and Jackson District Supervisor
517-643-2314
buschs@michigan.gov

From: Rosenthal, Adam (DEQ)
Sent: Monday, August 24, 2015 8:53 AM
To: Busch, Stephen (DEQ); Prysby, Mike (DEQ)
Subject: FW: Flint Water Study-VT

From: Marc Edwards [mailto:edwardsm@vt.edu]
Sent: Sunday, August 23, 2015 4:57 PM
To: Rosenthal, Adam (DEQ); bwright@cityofflint.com; 'Ptaszenski, Rachel'
Subject: Flint Water Study-VT

Dear Adam, Mike and Rachel,

Hi there. I am a professor at Virginia Tech who specializes in research on corrosion, opportunistic premise plumbing pathogens, lead in water health effects and engineering ethics.

Over the next few months we will be studying Flint water quality issues, in conjunction with all parties who are interested in this subject.
We will be launching our web page to publicly report results of our work.
We visited Flint last week and collected a lot of samples from the distribution system, and we are also doing a lead in water study with residents, to complement that which was recently conducted by the city under the LCR.

Just giving you a heads up on this, and I hope you can give me a point of contact with each of your agencies.
Dependent on what we find, it might be desirable to touch base, in advance of our releasing certain findings.
We also intend to collaborate with all parties, in an open manner, to the extent that is possible, as our study progresses.

Mike, I think I met you a few years back at a Michigan AWWA event, and Rachel, you were kind enough to send me the coliform/E.Coli data last week. Adam, I am not sure if I have ever met you or not.
My cell phone is PPI my office phone is 540 231-7236, and my e-mail is on this message. Feel free to call me at any time, if any of you should have any questions about our plans, or the Flint water quality issues that we will be studying.

Best Regards,
Marc Edwards

Rennaker, Joanne (DEQ)

From: Busch, Stephen (DEQ)
Sent: Wednesday, August 26, 2015 3:03 PM
To: Benzie, Richard (DEQ); Shekter Smith, Liane (DEQ)
Subject: FW: Flint Water Study-VT

FYI. I don't think Adam is interested in participating. Richard, this may better suit your work schedule.

Stephen Busch, P.E.
MDEQ Lansing District Coordinator
Office of Drinking Water and Municipal Assistance
Lansing and Jackson District Supervisor
517-643-2314
buschs@michigan.gov

From: Rosenthal, Adam (DEQ)
Sent: Wednesday, August 26, 2015 11:44 AM
To: Busch, Stephen (DEQ)
Subject: FW: Flint Water Study-VT

From: Marc Edwards [mailto:edwardsm@vt.edu]
Sent: Wednesday, August 26, 2015 11:41 AM
To: Rosenthal, Adam (DEQ)
Subject: RE: Flint Water Study-VT

Adam,

I am teaching a class on graduate engineering ethics at Virginia Tech, and we are using the Flint situation as our case study this semester.
Would you or someone else from DEQ, be willing to be interviewed by my class on some Wednesday between 4-6:45 pm?

Best Regards,
Marc

From: Marc Edwards [mailto:edwardsm@vt.edu]
Sent: Sunday, August 23, 2015 4:57 PM
To: 'ROSENTHALA@michigan.gov'; 'bwright@cityofflint.com'; 'Ptaszenski, Rachel'
Subject: Flint Water Study-VT

Dear Adam, Mike and Rachel,

Hi there. I am a professor at Virginia Tech who specializes in research on corrosion, opportunistic premise plumbing pathogens, lead in water health effects and engineering ethics.

Over the next few months we will be studying Flint water quality issues, in conjunction with all parties who are interested in this subject.

We will be launching our web page to publicly report results of our work.
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Just giving you a heads up on this, and I hope you can give me a point of contact with each of your agencies.
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Mike, I think I met you a few years back at a Michigan AWWA event, and Rachel, you were kind enough to send me the coliform/E.Coli data last week. Adam, I am not sure if I have ever met you or not.
My cell phone is PPI ; my office phone is 540 231-7236, and my e-mail is on this message. Feel free to call me at any time, if any of you should have any questions about our plans, or the Flint water quality issues that we will be studying.

Best Regards,
Marc Edwards

Rennaker, Joanne (DEQ)

From: Shekter Smith, Liane (DEQ)
Sent: Friday, August 28, 2015 1:12 PM
To: Busch, Stephen (DEQ)
Cc: Benzie, Richard (DEQ)
Subject: FW: Flint Citizen Sampling

From: Poy, Thomas [mailto:poy.thomas@epa.gov]
Sent: Friday, August 28, 2015 12:35 PM
To: Shekter Smith, Liane (DEQ); Benzie, Richard (DEQ)
Cc: Hyde, Tinka; Crooks, Jennifer
Subject: Flint Citizen Sampling

Liane/Richard: FYI...Marc Edwards (Virginia Tech) is working with some of the citizens in Flint and they are finding lead at levels above 5 ppb and some above 15 ppb. There's no indication of whether any of these homes were also sampled and analyzed by Flint and will now part of their compliance calculations. Virginia Tech sent out 300 bottles and have gotten 48 back. We are not involved in this effort by Dr. Edwards.

https://flintwaterstudyupdates.wordpress.com/

Tom

Tom Poy
Chief, Ground Water and Drinking Water Branch
USEPA - Region 5
(312) 886-5991

Rennaker, Joanne (DEQ)

From: Crooks, Jennifer <crooks.jennifer@epa.gov>
Sent: Monday, August 31, 2015 2:35 PM
To: Shekter Smith, Liane (DEQ); Benzie, Richard (DEQ); Busch, Stephen (DEQ)
Subject: FW: links to update flint water news

Importance: High

Today's updates on Marc Edwards' site. His staff is phone calling and emailing results to citizens. Talk at 2.

From: Porter, Andrea
Sent: Monday, August 31, 2015 1:19 PM
To: Poy, Thomas
Cc: Deltoral, Miguel; Crooks, Jennifer; Shoven, Heather
Subject: links to update flint water news

Hi All,

Today, activists delivered a petition (with ~27,000 signatures) asking Flint to immediately switch back to Detroit water: http://www.abc12.com/news/headlines/Crowd-gathers-outside-Flint-City-Hall-demands-switch-to-Detroit-water--323442421.html

And, in case you haven't checked the Marc Edwards Flint site today, there are more Pb results posted: https://flintwaterstudyupdates.wordpress.com/

"Analysis of water samples from an additional 72 Flint homes are concerning
August 31, 2015 flintwaterstudy Articles

Over the weekend, we analyzed another 72 lead samples collected by Flint residents and mailed to Virginia Tech. For the 120 samples analyzed to date, forty two percent were over 5 ppb, which suggests a serious lead in water problem according to our experience and criteria.

Twenty-three (20% of the 120 samples collected to date) also exceeded the 15 ppb lead action limit. The highest lead sampled in first draw so far was 158 ppb, and the highest sample after 45 second flushing is 1,051 ppb. Six of 120 homes sampled (5%), had over 15 ppb lead even after 2 minutes of continuous flushing.

The 90%'ile lead level in the Flint Water Study is currently 30 ppb, which is double the EPA standard applied to homes with "worst case" lead plumbing, and in a range where water consumption has caused lead poisoning in children and adverse pregnancy outcomes. Needless to say, these data are very worrisome, especially considering that our survey did not target "worst case" lead plumbing systems as is required for EPA sampling.

Look at our summary page here for more details. We just heard that we are approaching the 250 (out of 300) mark of returned kits and we couldn't be more grateful and proud of Flint's citizen scientists. Please continue collecting samples, as larger number of samples helps to draw stronger conclusions. More samples may also help Flint residents understand what regions of the city and the types of plumbing systems that have the most serious lead problems. We are also contacting homes with high lead levels via phone and email and all sampled residents will receive their results via regular mail."

There's also this part about how residents with high results in the first round were called:

"Informing Flint Residents about lead in their water
All Flint residents who returned their lead kits will receive their results via regular mail. You will also receive this document on how to interpret your lead results. For the first 48 lead kits analyzed so far, we have finished calling residents who had considerably high lead in their water. For those we couldn't get through, we left voicemail messages and sent an email."

Thanks,
Andrea Porter

Environmental Engineer
Ground Water & Drinking Water Branch
U.S. EPA, Region 5 (WG-15J)
77 W. Jackson Blvd.
Chicago, IL 60604
Phone: 312-886-4427
Fax: 312-697-2656

Rennaker, Joanne (DEQ)

From: Busch, Stephen (DEQ)
Sent: Friday, August 28, 2015 1:25 PM
To: Shekter Smith, Liane (DEQ)
Cc: Benzie, Richard (DEQ)
Subject: Re: Flint Citizen Sampling

Is the VT lab certified?

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

Sent from my iPhone

On Aug 28, 2015, at 1:12 PM, Shekter Smith, Liane (DEQ) <SHEKTERL@michigan.gov> wrote:

From: Poy, Thomas [mailto:poy.thomas@epa.gov]
Sent: Friday, August 28, 2015 12:35 PM
To: Shekter Smith, Liane (DEQ); Benzie, Richard (DEQ)
Cc: Hyde, Tinka; Crooks, Jennifer
Subject: Flint Citizen Sampling

Liane/Richard: FYI...Marc Edwards (Virginia Tech) is working with some of the citizens in Flint and they are finding lead at levels above 5 ppb and some above 15 ppb. There's no indication of whether any of these homes were also sampled and analyzed by Flint and will now part of their compliance calculations. Virginia Tech sent out 300 bottles and have gotten 48 back. We are not involved in this effort by Dr. Edwards.

https://flintwaterstudyupdates.wordpress.com/

Tom

Tom Poy
Chief, Ground Water and Drinking Water Branch
USEPA - Region 5
(312) 886-5991

Rennaker, Joanne (DEQ)

From: Jennifer Crooks <jcrooks57@gmail.com>
Sent: Friday, September 11, 2015 10:17 AM
To: Poy, Thomas; Shekter Smith, Liane (DEQ); Benzie, Richard (DEQ); Busch, Stephen (DEQ)
Subject: Clarification

Just to clarify; on our call, I wanted to remind you that Miguel.s report had DEQ cc.d. So if the Legislature or who ever might say you all were cc.d, you can truthfully respond that it was EPA.s request that the report not be sent to the cc.s. Consequently, you all never received the report from Miguel.
Good to talk with you all.
Jennifer

Rennaker, Joanne (DEQ)

From: Wurfel, Brad (DEQ)
Sent: Thursday, July 09, 2015 3:08 PM
To: Shekter Smith, Liane (DEQ); Busch, Stephen (DEQ); Tommasulo, Karen (DEQ); Sygo, Jim (DEQ)
Cc: Benzie, Richard (DEQ)
Subject: RE: ACLU mini-documentary

Steve, I just got a call from Mi Public Radio about an EPA notice to Flint about elevated lead levels in the water. Apparently, you were cc'd on EPA's note. Can you call me asap? Thanks!
b

From: Shekter Smith, Liane (DEQ)
Sent: Thursday, July 09, 2015 11:51 AM
To: Busch, Stephen (DEQ); Tommasulo, Karen (DEQ); Wurfel, Brad (DEQ); Sygo, Jim (DEQ)
Cc: Benzie, Richard (DEQ)
Subject: ACLU mini-documentary

FYI – the video is lower on the page. It's just under 6 minutes.

http://www.mlive.com/news/flint/index.ssf/2015/06/aclu_video_details_flints_hard.html#incart_story_package

Rennaker, Joanne (DEQ)

From: Wurfel, Brad (DEQ)
Sent: Monday, August 31, 2015 10:25 AM
To: Busch, Stephen (DEQ); Shekter Smith, Liane (DEQ); Wyant, Dan (DEQ); Prysby, Mike (DEQ)
Cc: Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Murray, David (GOV); Wurfel, Sara (GOV); Jessica Brown; Brown, Eric (GOV)
Subject: Fwd: Urgent: Independent Flint Water Study

Liane / Steve, can you look into this situation as a priority?

Everyone else -- just got this from the ACLU. Call me if you have questions / counsel.

Thanks.
b

Sent from my iPhone

Begin forwarded message:

> **From:** Curt Guyette <cguyette@aclumich.org>
> **Date:** August 31, 2015 at 10:18:34 AM EDT
> **To:** "wurfelb@michigan.gov" <wurfelb@michigan.gov>
> **Subject: Urgent: Independent Flint Water Study**
>
> Mr. Wurfel,
>
> Prof. Marc Edwards of Virginia Tech university has been leading a research project to conduct an independent study of lead in Flint's water. Working with a group of city residents, they have been collecting water samples from homes throughout the city. The study is still under way, but the results so far have been so disturbing that VT has begun posting results on the web in order to alert residents about how serious the problem may be.
>
> This is what VT is reporting:
>
> *Over the weekend we analyzed another 72 lead samples collected by Flint residents and mailed to VT. For the 120 samples analyzed to date,* ***forty two percent were over 5 ppb,*** *which suggests a serious lead in water problem according to our experience and criteria. Twenty-three (20% of those collected) also exceeded 15 ppb lead, suggesting a serious lead in water problem.* ***That is, the Flint Citizen Science study to date, is finding results worse than the EPA standard which is applied to sampling "worst case" homes.*** *The highest lead sampled in first draw so far was 158 ppb, and the highest sample after 45 second flushing is 1051 ppb. Six of 120 homes sampled (5%), had over 15 ppb lead even after 2 minutes of continuous flushing.* ***The 90%'ile lead level in the Flint Water Study is currently 30 ppb, which is double the EPA standard applied to "worst case" homes, and in a range where water consumption has caused lead poisoning in children and adverse pregnancy outcomes.*** *Needless to say, these data are very worrisome.*
>
> Here is the website containing the information.

I am writing about this for a story that will be posted tomorrow. If the city chooses to respond, I need to hear back from you by the end of the day today, Aug. 31.

Sincerely,

Curt Guyette

Rennaker, Joanne (DEQ)

From: Shekter Smith, Liane (DEQ)
Sent: Tuesday, July 21, 2015 10:52 AM
To: Hyde, Tinka
Cc: Poy, Thomas; Bair, Rita; Damato, Nicholas; Busch, Stephen (DEQ); Cook, Pat (DEQ); Benzie, Richard (DEQ)
Subject: RE: AGENDA for Today's Call on Flint

Thanks Tinka.

During discussion issue #1, we would like to discuss our (hopefully, mutual) understanding of the timeline for next steps.

Also, while we understand your concerns with the overall implementation of the lead and copper rule(s); we think it is appropriate for EPA to indicate in writing (an e-mail would be sufficient) your concurrence that the city is in compliance with the lead and copper rule as implemented in Michigan. This would help distinguish between our goals to address important public health issues separately from the compliance requirements of the actual rule which we believe have been and continue to be met in the city of Flint.

And finally, we would also like to discuss our concern that the draft report was released by EPA and that we (DEQ) obtained a copy of the report from an outside (ACLU) website.

Liane J. Shekter Smith, P.E., Chief
Office of Drinking Water and Municipal Assistance
Michigan Department of Environmental Quality
517-284-6543

From: Hyde, Tinka [mailto:hyde.tinka@epa.gov]
Sent: Tuesday, July 21, 2015 9:07 AM
To: Shekter Smith, Liane (DEQ)
Cc: Poy, Thomas; Bair, Rita; Damato, Nicholas
Subject: AGENDA for Today's Call on Flint

Hi Liane – In preparation for our call today we've prepared an agenda (attached) with some background and discussion points. Please let me know if you have other items you wish to discuss. Thanks

Tinka G. Hyde
Water Division Director
USEPA W-15J
77 W. Jackson Blvd
Chicago, IL 60604

Office: 312-886-9296
Cell: PPI

Rennaker, Joanne (DEQ)

From: Shekter Smith, Liane (DEQ)
Sent: Thursday, August 06, 2015 11:52 AM
To: Wurfel, Brad (DEQ); Sygo, Jim (DEQ); Pallone, Maggie (DEQ)
Cc: Busch, Stephen (DEQ); Benzie, Richard (DEQ); Cook, Pat (DEQ); Devereaux, Tracy Jo (DEQ); Shaler, Karen (DEQ); Thelen, Mary Beth (DEQ); Feuerstein, Heather (DEQ)
Subject: University of Michigan inquiry re: Flint

Yesterday, Steve Busch and I participated in a conference call with Professors Lutgarde Raskin and Krista Wigginton (Dept. of Civil and Environmental Engineering) and Prof. Stuart Batterman (School of Public Health) and several of their graduate students.

They wanted to discuss recent events in Flint and are interested in possibly providing sampling, analysis, and education/outreach to address potential lead exposure issues, TTHM issues, possibly microbial activity and/or aesthetic problems. They are aware of the report published on the ACLU website identifying lead as an issue in Flint and were interested in helping to obtain analytical data to determine the potential extent of the problem and to help residents understand what it means for them.

We suggested they begin by having discussions with the City to determine what level of assistance might be helpful to the City.

If this moves forward, we would recommend that DEQ, DHHS staff, LHD staff, and a group of local residents/stakeholders be included in discussions to guide future activities.

Today, Steve provided UM with contacts at the City. UM is interested in quickly arranging a preliminary meeting to flesh out what might happen going forward.

We'll keep you updated if this progresses.

Liane

Liane J. Shekter Smith, P.E., Chief
Office of Drinking Water and Municipal Assistance
Michigan Department of Environmental Quality
517-284-6543

Rennaker, Joanne (DEQ)

From: Shekter Smith, Liane (DEQ)
Sent: Monday, September 21, 2015 11:56 AM
To: Busch, Stephen (DEQ); Benzie, Richard (DEQ); Sygo, Jim (DEQ); Wurfel, Brad (DEQ); Pallone, Maggie (DEQ); Wyant, Dan (DEQ)
Cc: Thelen, Mary Beth (DEQ); Feuerstein, Heather (DEQ); Shaler, Karen (DEQ); Devereaux, Tracy Jo (DEQ)
Subject: FW: Flint MI: LCR Enforcement Issues
Attachments: image003.png; ATT00001.htm; Flint LCR for FOIA 6429-15 (5).pdf; ATT00002.htm; FOIA 15-585 Part 2 55pgs (12).pdf; ATT00003.htm

EPA just shared the attached

From: Fortin, Denise [mailto:Fortin.Denise@epa.gov]
Sent: Monday, September 21, 2015 11:44 AM
To: Shekter Smith, Liane (DEQ)
Subject: Fwd: Flint MI: LCR Enforcement Issues

Sent from my iPhone

Begin forwarded message:

From: "Henry, Timothy" <henry.timothy@epa.gov>
To: "Fortin, Denise" <Fortin.Denise@epa.gov>
Subject: FW: Flint MI: LCR Enforcement Issues

Tim Henry
Deputy Director, Water Division
U.S. EPA (W-15J)
77 W. Jackson Blvd., Chicago, IL 60604-3590
Phone: 312.886.6107 Fax: 312.692.2578

From: Damato, Nicholas
Sent: Monday, September 21, 2015 7:56 AM
To: Henry, Timothy; Hyde, Tinka
Subject: FW: Flint MI: LCR Enforcement Issues
Importance: High

Tim & Tinka,

Miguel forwarded the email below from Marc Edwards. Miguel then called because he wanted Tinka to have a heads up especially on the info in the ACLU video and didn't want her blindsided

with the content – it should be reviewed carefully. Tom, Rita, Heather, Jennifer, Miguel & I will be having a call with ORC & OECA this morning on Marc's email.

Nick

From: Deltoral, Miguel
Sent: Monday, September 21, 2015 6:52 AM
To: Damato, Nicholas
Subject: Fw: Flint MI: LCR Enforcement Issues
Importance: High

Just noticed you weren't copied on this...

Miguel A. Del Toral
Regulations Manager
U.S. EPA R5 GWDWB
77 West Jackson Blvd, (WG-15J)
Chicago, IL 60604
Phone: (312) 886-5253

From: Marc Edwards <edwardsm@vt.edu>
Sent: Sunday, September 20, 2015 09:29 PM
To: Schock, Michael; Lytle, Darren; kempic.jeffrey@epa.gove; Burneson, Eric; demarco.carol@epa.gov; Murphy, Thomas; Shoven, Heather; Deltoral, Miguel
Subject: Flint MI: LCR Enforcement Issues

Mike, Darren, Jeff, Eric, Carol and Miguel and R5 MI/Enforcement personnel (as listed on the R5 webpage).

In this e-mail, I am making you aware of what we know regarding the Flint lead situation.

1) They do not have an approved lead sampling pool. Only 13 of the lowest lead sampled homes from 2014, were resampled in 2015.
The homes sampling high in 2014, were not asked to be resampled.
At best, their program is sending out sampling bottles at random across the city.

2) This message exemplifies the type of site selection, that they are doing to satisfy their high risk LCR monitoring pool site.
That is, none. They are not even hiding it.
http://www.flintneighborhoodsunited.org/drinking-water-testing/.

3) Furthermore, in a video now on the ACLU website, at the end of the interview, Mike Glasgow (Flint LCR program) notes what is perfectly obvious from looking at the MDEQ FOIA materials.
"we threw out bottles everywhere just to collect as many as we can, just to hit our number, and we just turn in every result we get in."
Moreover, they do not have the records to show the homes have lead pipe. ***"we are still looking for the records"***
See video here. Start at 4 minutes and 13 seconds to see the admission. ***https://vimeo.com/139882021***

4) On top of that, according to my count, MDEQ covered up no fewer than 5 violations in the 2015 sample round. These include:

a) Technical violation in that what they now stamp as the "draft" report (attached) is late (the signed date is 7/28/2015).
It was due 7/10/2015. The final "revised" report is dated 8/20/2015 (also attached), which is 40 days late.

b) Although 87 sites from 2014 were not resampled, no written justification for the site changes was provided in the FOIA materials, and this is required by law.
The statement given today by Flint, that residents were not resampled because they did not want to participate, is contradicted by my conversations with residents.

c) In the original 71 samples Flint submitted late, the lead 90%ile action level was exceeded. MDEQ took the initiative to invalidate 2 samples, dropping Flint below the Action Level.
Flint never requested in writing that any of the samples be invalidated (see the comments written in the box of page 1, FOIA 15-585).
Mike Glasgow says that the 2 high samples were deleted based on the conference call. Only the high samples were scrutinized for meeting the sample pool criteria.
No low samples were investigated. I have the e-mails.

4) The "Draft 7/28/2015" and "revised 8/20/2015" LCR reports, on page 1, check boxes that note Tier 1 sites are not used. MDEQ asks no questions about that. In video Mike admits he has no knowledge of what sites actually have lead pipe or not.

5) Flint did not achieve the minimum number of samples as determined before the sampling round. In his e-mail Mike Glasgow (see below, and see FLINT LCR FOR FOIA...pdf) acknowledges this will be a technical violation. The draft LCR clearly indicates that the minimum was not achieved. MDEQ responds "we are discussing options" to handle this technical violation. In the August 20th revised final report, even this technical violation magically disappears (see comments box on page 1....).

To: 'Michael Glasgow'
Cc: Brent Wright
Subject: RE: lead/copper

we are discussing options regarding this and future rounds of monitoring and will get back with you.

thanks,

Adam Rosenthal, EQA
MDEQ – Office of Drinking Water and Municipal Assistance
Lansing District – Constitution Hall 1SW
PO Box 30242
Lansing, MI 48909
517-284-6644
fax: 517-241-3571

For MORs, Lab Results & Reporting Forms:
DEQ-DWMA-Lansing@michigan.gov

From: Michael Glasgow [mailto:mglasgow@cityofflint.com]
Sent: Thursday, July 09, 2015 2:19 PM
To: Rosenthal, Adam (DEQ)
Cc: Brent Wright
Subject: Re: lead/copper

Adam,

I just sent the last of the samples to the lab today. Unfortunately we did not reach 100 samples. I believe the count I have is 76 total. Since we have had a few more hits this round, we are going to continue to solicit samples for our own informational purposes. I am disappointed in the turnout of sampling, we distributed close to 200 sample bottles. With this monitoring violation will we be required to collect another round of 100

N DEPARTMENT OF ENVIRONMENTAL QUALITY
F DRINKING WATER AND MUNICIPAL ASSISTANCE

DRAFT

DEQ

AND COPPER REPORT AND
ONSUMER NOTICE OF LEAD RESULT
CERTIFICATE FOR COMMUNITY WATER SUPPLY

Issued under authority of 1976 PA 399, MCL 325.1001 *et al.*, and Administrative Rules, as amended.
Failure to submit this information is a violation of Act 399 and may subject the water supply to enforcement penalties.

Administrative Rule R 325.10710d requires water supplies to report lead and copper monitoring information within 10 days after the end of the monitoring period. This form may be used to meet this requirement. Submit the information to the appropriate Department of Environmental Quality (DEQ) district office. For district office addresses, visit www.michigan.gov/deq and click on Locations.

1. Water Supply Name: City of Flint Water Plant
2. County: Genesee 3. WSSN: 2310
4. Population: 99,763 5. Monitoring Period: From: 1/1/15 To: 6/30/15
6. Minimum # of Samples Required: 100 60 7. # of Samples Taken: 71 72 69
8. Name of Certified Laboratory: DEQ Drinking Water Laboratory

9. SAMPLE CRITERIA:

Yes	No	Explain No responses in Comments block.	
☐	☒	a. Are the same sampling points used as in the previous monitoring period?	For more information see *Instructions* paragraph 11, subparagraph "Sample Category."
☐	☒	b. Are all samples from Tier 1 sites?	
☒	☐	c. Are all samples from Tier 1, 2, or 3 sites giving Tier 1 priority?	
☒	☐	d. If no Tier 1, 2, or 3 sites are available, do all sites have plumbing materials commonly found at other locations in the system?	
☒	☐	e. Is the minimum number of lead service line samples taken (when applicable)?	

Comments:
A total of 175 sample bottles and instructions were distributed to city residents. We are continuing to solicit samples due to the fact that we did not reach the minimum number for this monitoring period.

Lead service - majority (30,000?)

10. NAME:

Name: Michael Glasgow

Title: Utilites Administrator Phone: 810-766-7136 Date: 7/28/2015

11. TAP SAMPLING DATA: (Use additional sheets as needed) DRAFT

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumbing[2]	Lead (ppb)	Copper (ppb)	Lab #
2205 Flusing Rd	2/15/15	1	L	C,P	N.D.	0.13	54663
212 Browning Ave.	2/18/15	1	L	P	104	N.D.	54945
1809 Stevenson St.	2/10/15	1	L	P	10	N.D.	54966
4202 Custer Ave.	3/4/15	1	L	C,P	6	0.27	56223
401 E. Newall St.	3/2/15	1	L	P	5	N.D.	56225
215 Browning Ave. ok	3/21/15	1	L	C,P	N.D.	0.16	56226
2615 Trumbull Ave.	2/27/15	1	L	C,P	3	N.D.	56227
201 Browning Ave. ok	3/5/15	1	L	P	N.D.	N.D.	56228
1224 Decker St.	3/17/15	1	L	C,P	13	0.10	57728
1220 Decker St.	3/17/15	1	L	P	4	N.D.	57730
1379 Washington Ave.	3/19/15	1	L	P	8	N.D.	57731
1383 Washington Ave.	3/19/15	1	L	C,P	6	0.17	57734
1372 Washington Ave.	3/19/15	1	L	C,P	2	0.14	57733
1367 Washington Ave.	3/17/15	1	L	P	1	N.D.	57735
1701 Marquettte Dr.	3/14/15	1	L	C,P	1	0.19	57736
778 Bundy Ave.	3/24/15	1	L	P	N.D.	N.D.	58413
3714 Beecher Rd.	3/24/15	1	L	C	2	0.52	58414
1016 Ingleside Ave.	4/9/15	1	L	C,P	7	0.07	59749
1818 Rock Creek Ln.	4/6/15	1	L	C,P	3	0.11	59750
3010 Cheyenne St.	4/3/15	1	L	C,P	5	0.10	59751

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

11. TAP SAMPLING DATA: (Use additional sheets as needed) DRAFT

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumbing[2]	Lead (ppb)	Copper (ppb)	Lab #
2606 Mountain Ave.	4/15/15	1	L	P	N.D.	N.D.	60546
2020 Crooked Ln.	4/24/15	1	L	C,P	5	0.10	61845
310 E. Moore St.	4/22/15	1	L	P	5	N.D.	61846
631 Alvord Ave.	5/6/15	1	L	P	42	N.D.	63410
216 Browning Ave.	5/7/15	1	L	C,P	22	0.31	63411
3714 Beecher Rd.	5/14/15	1	L	C,P	8	0.15	64283
~~626 S. Grand Traverse~~	~~5/18/15~~	~~5~~	~~L~~	~~C,P~~	~~20~~	~~0.14~~	64284 X
912 Lexington Ave.	5/15/15	1	L	P	6	N.D.	64285
349 Robbie Ln.	5/31/15	1	L	P	2	N.D.	67428
353 Robbie Ln.	5/30/15	1	L	C,P	5	0.11	67427
341 Robbie Ln.	5/31/15	1	L	C,P	3	0.05	67426
328 Robbie Ln.	5/30/15	1	L	C,P	2	0.09	67425
357 Robbie Ln.	5/31/15	1	L	C	3	0.20	67424
344 Robbie Ln.	5/31/15	1	L	C,P	4	0.11	67423
1807 Oren Ave.	6/8/15	1	L	P	21	N.D.	68023
421 Lyon St.	6/14/15	1	L	C,P	7	0.14	68788
1528 Delaware Ave.	6/12/15	1	L	P	3	N.D.	68789
3811 Brentwood Dr.	6/14/15	1	L	P	42	N.D.	68790
1615 S. Franklin Ave.	6/14/15	1	L	P	N.D.	N.D.	68791
853 E. 7th St.	6/12/15	1	L	C,P	7	0.07	68792

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

19

3

DRAFT

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
1150 Woodside Dr.	6/14/15	1	L	P	29	N.D.	68793
547 Copeman Blvd.	6/14/15	1	L	P	18	N.D.	68794
920 Stocker Ave.	6/21/15	1	L	P	1	N.D.	69622
742 Lincoln Ave.	6/19/15	1	L	P	2	N.D.	69623
3517 Bennett Ave.	6/24/15	1	L	C,P	3	0.06	69624
1730 Overhill Dr.	6/22/15	1	L	C,P	1	0.08	69625
2117 Stanford Ave.	6/23/15	1	L	C,P	5	0.08	69626
2432 Beta Ln.	6/21/15	1	L	P	N.D.	N.D.	69627
2023 Miller Rd.	6/21/15	1	L	C,P	3	0.06	69628
721 East St. Apt #2	6/25/15	4	L	C,P	10	0.16	70222
3814 Whitter	6/25/15	1	L	P	2	N.D.	70223
3120 Norwood	6/24/15	1	L	P	5	N.D.	70224
2122 Pierce St.	6/21/15	1	L	P	2	N.D.	70225
3521 Bennett Ave.	6/25/15	1	L	P	3	N.D.	70226
1602 Raspberry Ln.	6/24/15	1	L	P	N.D.	N.D.	70227
1809 Lynbrook	6/26/15	1	L	P	3	N.D.	70228
2112 Sherff	6/24/15	1	L	C,P	9	0.06	70229
1205 Blanchard Ave.	6/24/15	1	L	C,P	11	0.05	70230
860 Schafer St.	6/26/15	1	L	C,P	N.D.	0.06	70231
2110 Flushing Rd.	6/30/15	1	L	C	N.D.	0.10	71158

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

2-0

11. TAP SAMPLING DATA: (Use additional sheets as needed)

DRAFT

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
2300 Flushing Rd.	6/29/15	1	L	C	3	0.28	71159
2130 Flushing Rd.	6/28/15	1	L	C,P	6	0.05	71160
2202 Flushing Rd.	6/29/15	1	L	C,P	2	0.06	71162
2429 Flushing Rd.	6/30/15	1	L	C,P	N.D.	0.06	71163
4013 Brownell Blvd.	6/29/15	1	L	C,P	2	0.08	71165
2414 Flushing Rd.	6/30/15	1	L	P	N.D.	N.D.	71166
1914 Penbrook Ln	6/29/15	1	L	P	2	N.D.	71167
3901 Leedra St.	6/26/15	1	L	P	N.D.	N.D.	71168
3142 McClure	6/26/15	1	L	P	3	N.D.	71169
2114 Flushing Rd.	6/30/15	1	L	C,P	5	0.05	71170
709 Frost St.	6/30/15	1	L	P	2	N.D.	72033

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

Consumer Notice of Lead Result in Drinking Water DRAFT

Water Supply Name:	City of Flint		
County:	Genesee	WSSN:	**2310**
Sample Location:	401 E. Newall St.	Date Sampled:	**3/2/15**

Thank you for participating in the lead and copper monitoring of drinking water. The levels of lead and copper found at your location are in the table below.

Key to Table	Contaminant	AL	MCLG	Your Result
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. **Maximum Contaminant Level Goal (MCLG):** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. ppb: parts per billion or micrograms per liter.	Lead (ppb)	15	0	5
	Copper (ppb)	1300	1300	Not Detected

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

To reduce exposure to lead in drinking water:

- *Run your water to flush out lead.* Run the water until it becomes cold.
- *Use cold water for cooking and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily in hot water.
- *Do not boil water to remove lead.* Boiling water will not reduce lead levels.
- *Look for alternative sources or treatment of water.* If your lead result is above 15 ppb, you may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010, or www.nsf.org for information on performance standards for water filters.
- *Identify if your plumbing fixtures contain lead.* New faucets, fittings, and valves, may contain up to 8 percent lead including those advertised or labeled as "lead-free" and may contribute lead to drinking water. Consumers should be aware of this when choosing fixtures and take appropriate precautions.

Although the primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated soil, the U.S. EPA estimates that 10 to 20 percent of human exposure to lead may come from drinking water.

For more information, contact us at: City of Flint Water Plant (810) 787-6537.
For more information on reducing lead exposure around your home and the health effects of lead, visit the U.S. EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

Certification: WSSN: 2310

I certify that this public water supply has provided the consumer notice of lead result to persons served at each of the taps that was tested, either by mail or by another method approved by the DEQ, within 30 days of knowing the result. The Notice includes required content.

Michael D. Glasgow — Signature
UTILITIES ADMINISTRATOR — Title
3/17/15 — Date Sent to Consumer

Reminder to water supplier: Complete this certification on only one (1) example copy of a notice sent to a consumer and submit it to the DEQ.

Rosenthal, Adam (DEQ)

From: Rosenthal, Adam (DEQ)
Sent: Monday, August 03, 2015 9:57 AM
To: 'Michael Glasgow'
Subject: RE: PbCu Cert form

Morning Mike, I also need copies of all 68 consumer notices. I have 1 from 401 E. Newall St., so 67 more.

thanks,

Adam Rosenthal, EQA
MDEQ – Office of Drinking Water and Municipal Assistance
Lansing District – Constitution Hall 1SW
PO Box 30242
Lansing, MI 48909
517-284-6644
fax: 517-241-3571

For MORs, Lab Results & Reporting Forms:
DEQ-DWMA-Lansing@michigan.gov

From: Michael Glasgow [mailto:mglasgow@cityofflint.com]
Sent: Friday, July 31, 2015 10:28 AM
To: Rosenthal, Adam (DEQ)
Subject: Re: PbCu Cert form

Adam,

Here is the lead & copper report. I have also sent a hard copy out via USPS.

On Thu, Jul 30, 2015 at 9:33 AM, Rosenthal, Adam (DEQ) <ROSENTHALA@michigan.gov> wrote:

Morning Mike, I'm preparing the 90th percentile letter and I need your lead copper certification form with the cert of notification to the customers. What I have are 68 results that are routine from 1/1 – 6/30/15. The link below is for the form if you don't have one.

http://www.michigan.gov/deq/0,4561,7-135-3313_3675_3691-61640--,00.html

thanks,

Adam Rosenthal, EQA

MDEQ – Office of Drinking Water and Municipal Assistance

Lansing District – Constitution Hall 1SW

PO Box 30242

Lansing, MI 48909

517-284-6644

fax: 517-241-3571

For MORs, Lab Results & Reporting Forms:

DEQ-DWMA-Lansing@michigan.gov

--

Mike Glasgow
Utilities Administrator
City of Flint
1101 S. Saginaw St.
Flint, MI 48502
(810)766-7135 ext. 2602

Rosenthal, Adam (DEQ)

From: Rosenthal, Adam (DEQ)
Sent: Friday, July 10, 2015 11:28 AM
To: 'Michael Glasgow'
Cc: Brent Wright
Subject: RE: lead/copper

we are discussing options regarding this and future rounds of monitoring and will get back with you.

thanks,

Adam Rosenthal, EQA
MDEQ – Office of Drinking Water and Municipal Assistance
Lansing District – Constitution Hall 1SW
PO Box 30242
Lansing, MI 48909
517-284-6644
fax: 517-241-3571

For MORs, Lab Results & Reporting Forms:
DEQ-DWMA-Lansing@michigan.gov

From: Michael Glasgow [mailto:mglasgow@cityoffllint.com]
Sent: Thursday, July 09, 2015 2:19 PM
To: Rosenthal, Adam (DEQ)
Cc: Brent Wright
Subject: Re: lead/copper

Adam,

I just sent the last of the samples to the lab today. Unfortunately we did not reach 100 samples. I believe the count I have is 76 total. Since we have had a few more hits this round, we are going to continue to solicit samples for our own informational purposes. I am disappointed in the turnout of sampling, we distributed close to 200 sample bottles. With this monitoring violation will we be required to collect another round of 100 samples?

Also, I have attached a copy of our June bromate test results.

On Thu, Jul 9, 2015 at 9:55 AM, Rosenthal, Adam (DEQ) <ROSENTHALA@michigan.gov> wrote:

Morning Mike, do you have a count on how many lead/copper samples were turned in? I know they all haven't been run at the lab yet, but if I can verify how many there will be, that would be good. So far I have 70 results and the City is below the AL for lead – current 90th = 13 ppb. All the copper results are below.

thanks,

Adam Rosenthal, EQA

MDEQ – Office of Drinking Water and Municipal Assistance

Lansing District – Constitution Hall 1SW

PO Box 30242

Lansing, MI 48909

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Mike Glasgow
Utilities Administrator
City of Flint
1101 S. Saginaw St.
Flint, MI 48502
(810)766-7135 ext. 2602

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF DRINKING WATER AND MUNICIPAL ASSISTANCE

LEAD AND COPPER REPORT AND CONSUMER NOTICE OF LEAD RESULT CERTIFICATE FOR COMMUNITY WATER SUPPLY

Issued under authority of 1976 PA 399, MCL 325.1001 *et al.*, and Administrative Rules, as amended.
Failure to submit this information is a violation of Act 399 and may subject the water supply to enforcement penalties.

Administrative Rule R 325.10710d requires water supplies to report lead and copper monitoring information within 10 days after the end of the monitoring period. This form may be used to meet this requirement. Submit the information to the appropriate Department of Environmental Quality (DEQ) district office. For district office addresses, visit www.michigan.gov/deq and click on Locations.

1. Water Supply Name: City of Flint Water Plant
2. County: Genesee 3. WSSN: **2310**
4. Population: 99,763 5. Monitoring Period: From: 1/1/15 To: 6/30/15
6. Minimum # of Samples Required: 60 7. # of Samples Taken: 69
8. Name of Certified Laboratory: DEQ Drinking Water Laboratory

9. SAMPLE CRITERIA:

Yes	No	Explain No responses in Comments block.	
☐	☒	a. Are the same sampling points used as in the previous monitoring period?	
☐	☒	b. Are all samples from Tier 1 sites?	For more information see *Instructions* paragraph 11, subparagraph "Sample Category."
☒	☐	c. Are all samples from Tier 1, 2, or 3 sites giving Tier 1 priority?	
☒	☐	d. If no Tier 1, 2, or 3 sites are available, do all sites have plumbing materials commonly found at other locations in the system?	
☒	☐	e. Is the minimum number of lead service line samples taken (when applicable)?	

Comments: Revised report after conference call with DEQ staff. Two samples were removed from list for not meeting sample criteria, and due to population the number of samples required was reduced to 60.

10. NAME:

Name: Michael Glasgow

Title: Utilites Administrator Phone: 810-766-7135 Date: 8/20/2015

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
2205 Flusing Rd	2/15/15	1	L	C,P	N.D.	0.13	54663
1809 Stevenson St.	2/10/15	1	L	P	10	N.D.	54956
4202 Custer Ave.	3/4/15	1	L	C,P	6	0.27	56223
401 E. Newall St.	3/2/15	1	L	P	5	N.D.	56225
215 Browning Ave.	3/21/15	1	L	C,P	N.D.	0.16	56226
2615 Trumbull Ave.	2/27/15	1	L	C,P	3	N.D.	56227
201 Browning Ave.	3/5/15	1	L	P	N.D.	N.D.	56228
1224 Decker St.	3/17/15	1	L	C,P	13	0.10	57728
1220 Decker St.	3/17/15	1	L	P	4	N.D.	57730
1379 Washington Ave.	3/19/15	1	L	P	8	N.D.	57731
1383 Washington Ave.	3/19/15	1	L	C,P	6	0.17	57734
1372 Washington Ave.	3/19/15	1	L	C,P	2	0.14	57733
1367 Washington Ave.	3/17/15	1	L	P	1	N.D.	57735
1701 Marquettte Dr.	3/14/15	1	L	C,P	1	0.19	57736
778 Bundy Ave.	3/24/15	1	L	P	N.D.	N.D.	58413
3714 Beecher Rd.	3/24/15	1	L	C	2	0.52	58414
1016 Ingleside Ave.	4/9/15	1	L	C,P	7	0.07	59749
1818 Rock Creek Ln.	4/6/15	1	L	C,P	3	0.11	59750
3010 Cheyenne St.	4/3/15	1	L	C,P	5	0.10	59751
2606 Mountain Ave.	4/15/2015	1	L	P	N.D.	N.D.	60546

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
2020 Crooked Ln.	4/24/15	1	L	C,P	5	0.10	61845
310 E. Moore St.	4/22/15	1	L	P	5	N.D.	61846
631 Alvord Ave.	5/6/15	1	L	P	42	N.D.	63410
216 Browning Ave.	5/7/15	1	L	C,P	22	0.31	63411
3714 Beecher Rd.	5/14/15	1	L	C,P	8	0.15	64283
912 Lexington Ave.	5/15/15	1	L	P	6	N.D.	64285
349 Robbie Ln.	5/31/15	1	L	P	2	N.D.	67428
353 Robbie Ln.	5/30/15	1	L	C,P	5	0.11	67427
341 Robbie Ln.	5/31/15	1	L	C,P	3	0.05	67426
328 Robbie Ln.	5/30/15	1	L	C,P	2	0.09	67425
357 Robbie Ln.	5/31/15	1	L	C	3	0.20	67424
344 Robbie Ln.	5/31/15	1	L	C,P	4	0.11	67423
1807 Oren Ave.	6/8/15	1	L	P	21	N.D.	68023
421 Lyon St.	6/14/15	1	L	C,P	7	0.14	68788
1528 Delaware Ave.	6/12/15	1	L	P	3	N.D.	68789
3811 Brentwood Dr.	6/14/15	1	L	P	42	N.D.	68790
1615 S. Franklin Ave.	6/14/15	1	L	P	N.D.	N.D.	68791
853 E. 7th St.	6/12/15	1	L	C,P	7	0.07	68792
1150 Woodside Dr.	6/14/15	1	L	P	29	N.D.	68793
547 Copeman Blvd.	6/15/14	1	L	P	18	N.D.	68794

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
2114 Flushing Rd.	6/30/15	1	L	P	5	0.05	71170
709 Frost St.	6/30/15	1	L	P	2	N.D.	72033
920 Stocker Ave.	6/21/15	1	L	P	1	N.D.	69622
742 Lincoln Ave.	6/19/15	1	L	P	2	N.D.	69623
3517 Bennett Ave.	6/24/15	1	L	C,P	3	0.06	69624
1730 Overhill Dr.	6/22/15	1	L	C,P	1	0.08	69625
2117 Stanford Ave.	6/23/15	1	L	C,P	5	0.08	69626
2432 Beta Ln.	6/21/15	1	L	P	N.D.	N.D.	69627
2023 Miller Rd.	6/21/15	1	L	C,P	3	0.06	69628
721 East St. Apt #2	6/25/15	4	L	C,P	10	0.16	70222
3814 Whitter	6/25/15	1	L	P	2	N.D.	70223
3120 Norwood	6/24/15	1	L	P	5	N.D.	70224
2122 Pierce St.	6/21/15	1	L	P	2	N.D.	70225
3521 Bennett Ave.	6/25/15	1	L	P	3	N.D.	70226
1602 Raspberry Ln.	6/24/15	1	L	P	N.D.	N.D.	70227
1809 Lynbrook	6/26/15	1	L	P	3	N.D.	70228
2112 Sherff	6/24/15	1	L	C,P	9	0.06	70229
1205 Blanchard Ave.	6/24/15	1	L	C,P	11	0.05	70230
860 Schafer St.	6/26/15	1	L	C,P	N.D.	0.06	70231
2110 Flushing Rd.	6/30/15	1	L	C	N.D.	0.10	71158

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
2300 Flushing Rd.	6/29/15	1	L	C	3	0.28	71159
2130 Flushing Rd.	6/28/15	1	L	C,P	6	0.05	71160
2202 Flushing Rd.	6/29/15	1	L	C,P	2	0.06	71162
2429 Flushing Rd.	6/30/15	1	L	C,P	N.D.	0.06	71163
4013 Brownell Blvd.	6/29/15	1	L	C,P	2	0.08	71165
2414 Flushing Rd.	6/30/15	1	L	P	N.D.	N.D.	71166
1914 Penbrook Ln	6/29/15	1	L	P	2	N.D.	71167
3901 Leedra St.	6/26/15	1	L	P	N.D.	N.D.	71168
3142 McClure	6/26/15	1	L	P	3	N.D.	71169

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

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TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF DRINKING WATER AND MUNICIPAL ASSISTANCE

LEAD AND COPPER REPORT AND CONSUMER NOTICE OF LEAD RESULT CERTIFICATE FOR COMMUNITY WATER SUPPLY

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Failure to submit this information is a violation of Act 399 and may subject the water supply to enforcement penalties.

Administrative Rule R 325.10710d requires water supplies to report lead and copper monitoring information within 10 days after the end of the monitoring period. This form may be used to meet this requirement. Submit the information to the appropriate Department of Environmental Quality (DEQ) district office. For district office addresses, visit www.michigan.gov/deq and click on Locations.

1. Water Supply Name: City of Flint Water Plant
2. County: Genesee 3. WSSN: **2310**
4. Population: 99,763 5. Monitoring Period: From: 1/1/15 To: 6/30/15
6. Minimum # of Samples Required: 100 7. # of Samples Taken: 71
8. Name of Certified Laboratory: DEQ Drinking Water Laboratory

9. SAMPLE CRITERIA:

Yes	No	Explain No responses in Comments block.	
☐	☒	a. Are the same sampling points used as in the previous monitoring period?	
☐	☒	b. Are all samples from Tier 1 sites?	For more information see *Instructions* paragraph 11, subparagraph "Sample Category."
☒	☐	c. Are all samples from Tier 1, 2, or 3 sites giving Tier 1 priority?	
☒	☐	d. If no Tier 1, 2, or 3 sites are available, do all sites have plumbing materials commonly found at other locations in the system?	
☒	☐	e. Is the minimum number of lead service line samples taken (when applicable)?	

Comments:
A total of 175 sample bottles and instructions were distributed to city residents. We are continuing to solicit samples due to the fact that we did not reach the minimum number for this monitoring period.

10. NAME:

Name: Michael Glasgow

Title: Utilites Administrator Phone: 810-766-7135 Date: 7/28/2015

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
2205 Flusing Rd	2/15/15	1	L	C,P	N.D.	0.13	54663
212 Browning Ave.	2/18/15	1	L	P	104	N.D.	54945
1809 Stevenson St.	2/10/15	1	L	P	10	N.D.	54956
4202 Custer Ave.	3/4/15	1	L	C,P	6	0.27	56223
401 E. Newall St.	3/2/15	1	L	P	5	N.D.	56225
215 Browning Ave.	3/21/15	1	L	C,P	N.D.	0.16	56226
2615 Trumbull Ave.	2/27/15	1	L	C,P	3	N.D.	56227
201 Browning Ave.	3/5/15	1	L	P	N.D.	N.D.	56228
1224 Decker St.	3/17/15	1	L	C,P	13	0.10	57728
1220 Decker St.	3/17/15	1	L	P	4	N.D.	57730
1379 Washington Ave.	3/19/15	1	L	P	8	N.D.	57731
1383 Washington Ave.	3/19/15	1	L	C,P	6	0.17	57734
1372 Washington Ave.	3/19/15	1	L	C,P	2	0.14	57733
1367 Washington Ave.	3/17/15	1	L	P	1	N.D.	57735
1701 Marquettte Dr.	3/14/15	1	L	C,P	1	0.19	57736
778 Bundy Ave.	3/24/15	1	L	P	N.D.	N.D.	58413
3714 Beecher Rd.	3/24/15	1	L	C	2	0.52	58414
1016 Ingleside Ave.	4/9/15	1	L	C,P	7	0.07	59749
1818 Rock Creek Ln.	4/6/15	1	L	C,P	3	0.11	59750
3010 Cheyenne St.	4/3/15	1	L	C,P	5	0.10	59751

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
2606 Mountain Ave.	4/15/15	1	L	P	N.D.	N.D.	60546
2020 Crooked Ln.	4/24/15	1	L	C,P	5	0.10	61845
310 E. Moore St.	4/22/15	1	L	P	5	N.D.	61846
631 Alvord Ave.	5/6/15	1	L	P	42	N.D.	63410
216 Browning Ave.	5/7/15	1	L	C,P	22	0.31	63411
3714 Beecher Rd.	5/14/15	1	L	C,P	8	0.15	64283
625 S. Grand Traverse	5/18/15	5	L	C,P	20	0.14	64284
912 Lexington Ave.	5/15/15	1	L	P	6	N.D.	64285
349 Robbie Ln.	5/31/15	1	L	P	2	N.D.	67428
353 Robbie Ln.	5/30/15	1	L	C,P	5	0.11	67427
341 Robbie Ln.	5/31/15	1	L	C,P	3	0.05	67426
328 Robbie Ln.	5/30/15	1	L	C,P	2	0.09	67425
357 Robbie Ln.	5/31/15	1	L	C	3	0.20	67424
344 Robbie Ln.	5/31/15	1	L	C,P	4	0.11	67423
1807 Oren Ave.	6/8/15	1	L	P	21	N.D.	68023
421 Lyon St.	6/14/15	1	L	C,P	7	0.14	68788
1528 Delaware Ave.	6/12/15	1	L	P	3	N.D.	68789
3811 Brentwood Dr.	6/14/15	1	L	P	42	N.D.	68790
1615 S. Franklin Ave.	6/14/15	1	L	P	N.D.	N.D.	68791
853 E. 7th St.	6/12/15	1	L	C,P	7	0.07	68792

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TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
1150 Woodside Dr.	6/14/15	1	L	P	29	N.D.	68793
547 Copeman Blvd.	6/14/15	1	L	P	18	N.D.	68794
920 Stocker Ave.	6/21/15	1	L	P	1	N.D.	69622
742 Lincoln Ave.	6/19/15	1	L	P	2	N.D.	69623
3517 Bennett Ave.	6/24/15	1	L	C,P	3	0.06	69624
1730 Overhill Dr.	6/22/15	1	L	C,P	1	0.08	69625
2117 Stanford Ave.	6/23/15	1	L	C,P	5	0.08	69626
2432 Beta Ln.	6/21/15	1	L	P	N.D.	N.D.	69627
2023 Miller Rd.	6/21/15	1	L	C,P	3	0.06	69628
721 East St. Apt #2	6/25/15	4	L	C,P	10	0.16	70222
3814 Whitter	6/25/15	1	L	P	2	N.D.	70223
3120 Norwood	6/24/15	1	L	P	5	N.D.	70224
2122 Pierce St.	6/21/15	1	L	P	2	N.D.	70225
3521 Bennett Ave.	6/25/15	1	L	P	3	N.D.	70226
1602 Raspberry Ln.	6/24/15	1	L	P	N.D.	N.D.	70227
1809 Lynbrook	6/26/15	1	L	P	3	N.D.	70228
2112 Sherff	6/24/15	1	L	C,P	9	0.06	70229
1205 Blanchard Ave.	6/24/15	1	L	C,P	11	0.05	70230
860 Schafer St.	6/26/15	1	L	C,P	N.D.	0.06	70231
2110 Flushing Rd.	6/30/15	1	L	C	N.D.	0.10	71158

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
2300 Flushing Rd.	6/29/15	1	L	C	3	0.28	71159
2130 Flushing Rd.	6/28/15	1	L	C,P	6	0.05	71160
2202 Flushing Rd.	6/29/15	1	L	C,P	2	0.06	71162
2429 Flushing Rd.	6/30/15	1	L	C,P	N.D.	0.06	71163
4013 Brownell Blvd.	6/29/15	1	L	C,P	2	0.08	71165
2414 Flushing Rd.	6/30/15	1	L	P	N.D.	N.D.	71166
1914 Penbrook Ln	6/29/15	1	L	P	2	N.D.	71167
3901 Leedra St.	6/26/15	1	L	P	N.D.	N.D.	71168
3142 McClure	6/26/15	1	L	P	3	N.D.	71169
2114 Flushing Rd.	6/30/15	1	L	C,P	5	0.05	71170
709 Frost St.	6/30/15	1	L	P	2	N.D.	72033

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

Consumer Notice of Lead Result in Drinking Water

Water Supply Name:	City of Flint		
County:	Genesee	WSSN:	**2310**
Sample Location:	401 E. Newall St.	Date Sampled:	**3/2/15**

Thank you for participating in the lead and copper monitoring of drinking water. The levels of lead and copper found at your location are in the table below.

Key to Table	Contaminant	AL	MCLG	Your Result
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. **Maximum Contaminant Level Goal (MCLG):** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. ppb: parts per billion or micrograms per liter.	Lead (ppb)	15	0	5
	Copper (ppb)	1300	1300	Not Detected

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

To reduce exposure to lead in drinking water:

- *Run your water to flush out lead.* Run the water until it becomes cold.
- *Use cold water for cooking and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily in hot water.
- *Do not boil water to remove lead.* Boiling water will not reduce lead levels.
- *Look for alternative sources or treatment of water.* If your lead result is above 15 ppb, you may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010, or www.nsf.org for information on performance standards for water filters.
- *Identify if your plumbing fixtures contain lead.* New faucets, fittings, and valves, may contain up to 8 percent lead including those advertised or labeled as "lead-free" and may contribute lead to drinking water. Consumers should be aware of this when choosing fixtures and take appropriate precautions.

Although the primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated soil, the U.S. EPA estimates that 10 to 20 percent of human exposure to lead may come from drinking water.

For more information, contact us at: City of Flint Water Plant (810) 787-6537.
For more information on reducing lead exposure around your home and the health effects of lead, visit the U.S. EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

Certification: WSSN: 2310

I certify that this public water supply has provided the consumer notice of lead result to persons served at each of the taps that was tested, either by mail or by another method approved by the DEQ, within 30 days of knowing the result. The Notice includes required content.

Michael Glasgow — Signature
UTILITIES ADMINISTRATOR — Title
3/17/15 — Date Sent to Consumer

Reminder to water supplier: Complete this certification on only one (1) example copy of a notice sent to a consumer and submit it to the DEQ.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF58413

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	778 E BUNDY AVE,FLINT	Source:	TYPE I	
Collected By:	SANDRA HULL	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/24/2015	06:25
Sample Point:	MAIN BATHROOM	Date Received:	03/31/2015	11:11
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	04/01/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	04/01/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF58414

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	3714 BEECHER RD,FLINT	Source:	TYPE I	
Collected By:	MELISSA MAYS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/24/2015	06:30
Sample Point:	KITCHEN	Date Received:	03/31/2015	11:11
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.52	04/01/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	04/01/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3803

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF59749

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1016 INGLESIDE AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	JAMES D JARVIS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	04/09/2015	07:00
Sample Point:	KITCHEN	Date Received:	04/14/2015	11:07
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	04/15/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	04/15/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF59750

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1818 ROCK CREEK LN,FLINT	Source:	Single Family Dwelling	
Collected By:	HELEN HUNTER	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	04/06/2015	06:50
Sample Point:	MAIN BATHROOM	Date Received:	04/14/2015	11:07
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	04/15/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	04/15/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF59751

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	3010 CHEYENNE ST,FLINT	Source:	Single Family Dwelling	
Collected By:	GERTRUDE MARSHALL	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	04/03/2015	08:50
Sample Point:	KITCHEN	Date Received:	04/14/2015	11:07
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	04/15/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	04/15/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF61845

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	2020 CROOKED LN,FLINT	Source:	Single Family Dwelling	
Collected By:	TRACY & M IKE SARGENT	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	04/24/2015	07:00
Sample Point:	KITCHEN	Date Received:	05/04/2015	10:21
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	05/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	05/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF61846

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	310 E MOORE ST,FLINT	Source:	Single Family Dwelling	
Collected By:	HUSTON BOLDEN	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	04/22/2015	07:00
Sample Point:	KITCHEN	Date Received:	05/04/2015	10:21
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	05/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	05/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF67423

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	344 ROBBIE LN,FLINT	Source:	Single Family Dwelling	
Collected By:	CASSANDRA BROWN	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/31/2015	08:15
Sample Point:	BATHROOM	Date Received:	06/11/2015	10:51
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	06/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	06/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF67424

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	357 ROBBIE LN,FLINT	Source:	Single Family Dwelling	
Collected By:	FRANK EVANS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/31/2015	08:00
Sample Point:	KITCHEN	Date Received:	06/11/2015	10:51
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	06/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	06/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF67425

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	328 ROBBIE LN,FLINT	Source:	Single Family Dwelling	
Collected By:	WILLIE TURNER	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/30/2015	06:00
Sample Point:	KITCHEN	Date Received:	06/11/2015	10:51
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	06/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	06/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF67426

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:		
Collection Address:	341 ROBBIE LN,FLINT	Source:	Single Family Dwelling	
Collected By:	FLORISSA STEBBINS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/31/2015	06:00
Sample Point:	KITCHEN	Date Received:	06/11/2015	10:51
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	06/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	06/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF67427

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	353 ROBBIE LN,FLINT	Source:	Single Family Dwelling	
Collected By:	ZETAN EVANS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/30/2015	06:45
Sample Point:	BATHROOM	Date Received:	06/11/2015	10:51
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	06/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	06/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF67428

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	349 ROBBIE LN,FLINT	Source:	Single Family Dwelling	
Collected By:	DORIS NUNN	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/31/2015	08:00
Sample Point:	KITCHEN	Date Received:	06/11/2015	10:51
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	06/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	06/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF63410

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	631 ALVORD AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	JANICE BERRYMAN	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/06/2015	07:00
Sample Point:	MAIN BATHROOM	Date Received:	05/13/2015	11:26
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	05/14/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.042	05/14/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8662

Sample Number
LF63411

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	216 BROWNING AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	DEB	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/07/2015	08:00
Sample Point:	KITCHEN	Date Received:	05/13/2015	11:26
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	05/14/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.022	05/14/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF59748

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	212 BROWNING AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	LEEANNE WALTERS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	04/02/2015	08:00
Sample Point:	PRE P O S FILTER	Date Received:	04/14/2015	11:07
Water System:	Treated Public Distribution System	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	04/16/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.707	04/16/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
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Sample Number
LF54663

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	2205 FLUSHING RD,FLINT	Source:	TYPE I
Collected By:	CHRIS BEATENHEAD	Site Code:	
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/15/2015 06:00
Sample Point:	KITCHEN	Date Received:	02/17/2015 10:47
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	02/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	02/18/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF56223

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	4202 CUSTER AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	JACQUELINE PEMBERTON	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/04/2015	08:00
Sample Point:	KITCHEN	Date Received:	03/06/2015	11:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	03/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	03/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF56224

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	212 BROWNING AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	LEEANNE WALTERS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/03/2015	06:00
Sample Point:	KITCHEN	Date Received:	03/06/2015	11:33
Water System:	Treated Public Distribution System	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.397	03/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF56225

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	401 E NEWALL ST,FLINT	Source:	Single Family Dwelling	
Collected By:	MARK CROMWELL SR	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	03/02/2015	09:30
Sample Point:	KITCHEN	Date Received:	03/06/2015	11:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	03/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krsztian

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TEL: (517) 335-8184
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Sample Number
LF56226

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	215 BROWNING AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	KEVIN & JENNIFER STARNES	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/02/2015	06:30
Sample Point:	KITCHEN	Date Received:	03/06/2015	11:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	03/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	03/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF56227

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	2615 TRUMBULL AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	JENNIFER PEDERSON	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	02/27/2015	10:00
Sample Point:	KITCHEN	Date Received:	03/06/2015	11:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	03/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julie Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF56228

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	201 BROWNING AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	FLOYD BELL	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/05/2015	09:30
Sample Point:	KITCHEN	Date Received:	03/06/2015	11:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	03/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krieztian

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Sample Number
LF54945

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310		
Collection Address:	212 BROWNING AVE,FLINT	Source:	TYPE I		
Collected By:	LEANNE WALTERS	Site Code:			
Township/Well#/Section:	//	Collector:	Private Citizen		
County:	Genesee	Date Collected:	02/18/2015	07:15	
Sample Point:	KITCHEN	Date Received:	02/19/2015	11:13	
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring		

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	02/20/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.104	02/20/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54946

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1809 STEVENSON ST,FLINT	Source:	TYPE I	
Collected By:	MIKE TAYLOR	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	02/10/2015	06:30
Sample Point:	KITCHEN SINK	Date Received:	02/19/2015	11:13
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	02/20/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	02/20/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57728

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1224 DECKER ST,FLINT	Source:	Single Family Dwelling	
Collected By:	LOU ANNE MALIS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/17/2015	06:00
Sample Point:	KITCHEN	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1640
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57729

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT		WSSN/Pool ID:	2310	
Collection Address:	212 BROWNING AVE,FLINT		Source:	Single Family Dwelling	
Collected By:	MIKE GLASGOW		Site Code:		
Township/Well#/Section:	//		Collector:	Public Water Supply Operator	
County:	Genesee		Date Collected:	03/18/2015	11:10
Sample Point:	KITCHEN		Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System		Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8662

Sample Number
LF57730

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1220 DECKER ST,FLINT	Source:	Single Family Dwelling	
Collected By:	CARMEN PULIDO	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/17/2015	06:00
Sample Point:	KITCHEN	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57731

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1379 WASHINGTON,FLINT	Source:	Single Family Dwelling	
Collected By:	ROXANNE PUTMAN	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/19/2015	08:30
Sample Point:	KITCHEN	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57732

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1383 WASHINGTON AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	ANTHONY PALLADENO	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/09/2015	08:00
Sample Point:	KITCHEN	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57733

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1372 WASHINGTON AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	ANTHONY PALLADENO JR	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/19/2015	08:00
Sample Point:	KITCHEN	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57734

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1383 WASHINGTON AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	ANTHONY PALLADENO III	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/19/2015	08:00
Sample Point:	KITCHEN	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57735

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT		WSSN/Pool ID:	2310	
Collection Address:	1367 WASHINGTON AVE,FLINT		Source:	Single Family Dwelling	
Collected By:	LEAH PALLADENO		Site Code:		
Township/Well#/Section:	//		Collector:	Private Citizen	
County:	Genesee		Date Collected:	03/17/2015	06:00
Sample Point:	MAIN BATHROOM		Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System		Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krlaztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57736

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1701 MARQUETTE DR,FLINT	Source:	Single Family Dwelling	
Collected By:	CHARMA DOMPREH	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/14/2015	09:40
Sample Point:	KITCHEN	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF68791

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1615 S FRANKLIN AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	VIVAN GRIER	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/14/2015	09:45
Sample Point:	KITCHEN	Date Received:	06/19/2015	11:02
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	06/22/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	06/22/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF68792

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	853 E 7TH ST,FLINT	Source:	Single Family Dwelling	
Collected By:	LAURA STUDACHER	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/12/2015	06:30
Sample Point:	BATHROOM	Date Received:	06/19/2015	11:02
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	06/22/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	06/22/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julie Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF68793

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1150 WOODSIDE DR,FLINT	Source:	Single Family Dwelling	
Collected By:	DEBORAH CONRAD	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/14/2015	07:30
Sample Point:	KITCHEN	Date Received:	06/19/2015	11:02
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	06/22/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.029	06/22/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF68794

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	547 COPEMAN BLVD,FLINT	Source:	Single Family Dwelling	
Collected By:	LINDA LEE	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/14/2015	09:00
Sample Point:	KITCHEN	Date Received:	06/19/2015	11:02
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	06/22/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.018	06/22/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF68023

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1807 OREN AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	MARK RUSSEL	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/08/2015	07:30
Sample Point:	BATHROOM	Date Received:	06/16/2015	11:11
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	06/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.021	06/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS#: Chemical Abstract Service Registry Number
MCL: Maximum Contaminant Level
AL: Action Level
RL: Reporting Limit

mg/L: milligrams / Liter (ppm)
ppm: parts per million
MPN: Most Probable Number
CFU: Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF64282

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	625 S GRAND TRAVERSE,FLINT	Source:	TYPE III
Collected By:	MIKE GLASGOW	Site Code:	
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	05/15/2015 13:00
Sample Point:	BATHROOM	Date Received:	05/20/2015 11:24
Water System:	Treated Public Distribution System	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	05/21/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	05/21/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF64283

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	3714 BEECHER RD,FLINT	Source:	Single Family Dwelling	
Collected By:	MELISSA MAYS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/14/2015	06:00
Sample Point:	MAIN BATHROOM	Date Received:	05/20/2015	11:24
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	05/21/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	05/21/2015	0.001	0.015	EPA 200.8	7439-92-1

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CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF64284

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	625 S GRAND TRAVERSE,FLINT	Source:	TYPE III	
Collected By:	MIKE SARGENT	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/18/2015	08:30
Sample Point:	UTILITY SINK	Date Received:	05/20/2015	11:24
Water System:	Treated Public Distribution System	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	05/21/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.020	05/21/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
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CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF64285

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	912 LEXINGTON AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	LAURA HATT	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/15/2015	09:00
Sample Point:	MAIN BATHROOM	Date Received:	05/20/2015	11:24
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	05/21/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	05/21/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

ead/copper Inbox x

Rosenthal, Adam (DEQ) <ROSENTHALA@michigan.gov> Jul 9
to me

Morning Mike, do you have a count on how many lead/copper samples were turned in? I know they all haven't been run at the lab yet, but if I can verify how many there will be, that would be good. So far I have 70 results and the City is below the AL for lead – current 90th = 13 ppb. All the copper results are below.

thanks,

Adam Rosenthal, EQA
MDEQ – Office of Drinking Water and Municipal Assistance
Lansing District – Constitution Hall 1SW
PO Box 30242
Lansing, MI 48909
517-284-6644
fax: 517-241-3571

For MORs, Lab Results & Reporting Forms:
DEQ-DWMA-Lansing@michigan.gov

Michael Glasgow <mglasgow@cityofflint.com> Jul 9
to Brent, Adam

Adam,

I just sent the last of the samples to the lab today. Unfortunately we did not reach 100 samples. I believe the count I have is 76 total. Since we have had a few more hits this round, we are going to continue to solicit samples for our own informational purposes. I am disappointed in the turnout of sampling, we distributed close to 200 sample bottles. With this monitoring violation will we be required to collect another round of 100 samples?

Also, I have attached a copy of our June bromate test results.

TEST REPORT

June 2016 Brom...

Rennaker, Joanne (DEQ)

From: Poy, Thomas <poy.thomas@epa.gov>
Sent: Monday, September 21, 2015 12:19 PM
To: Shekter Smith, Liane (DEQ); Benzie, Richard (DEQ); Busch, Stephen (DEQ)
Subject: FW: Flint MI: LCR Enforcement Issues
Attachments: Flint LCR for FOIA 6429-15 (5).pdf; FOIA 15-585 Part 2 55pgs (12).pdf

Liane/Richard/Steve: Marc Edwards sent the email below to a number of EPA addressees. You probably want to forward this to Dan Wyant too.

Tom

Tom Poy
Chief, Ground Water and Drinking Water Branch
USEPA - Region 5
(312) 886-5991

From: Shoven, Heather
Sent: Monday, September 21, 2015 7:33 AM
To: Bair, Rita; Damato, Nicholas; Poy, Thomas
Cc: Deltoral, Miguel
Subject: FW: Flint MI: LCR Enforcement Issues

Hi Tom, Nick, and Rita --

I will set up a meeting to discuss this email. Let me know if you would like me to include HQ. Thanks!

Best wishes,
Heather

Heather A. Shoven | Enforcement Team Leader | U.S. Environmental Protection Agency, Region 5
Ground Water and Drinking Water Branch | 77 W. Jackson Blvd (WG-15J) | Chicago, IL 60604 | 312-886-0153

From: Marc Edwards [mailto:edwardsm@vt.edu]
Sent: Sunday, September 20, 2015 9:30 PM
To: Schock, Michael; Lytle, Darren; kempic.jeffrey@epa.gove; Burneson, Eric; demarco.carol@epa.gov; Murphy, Thomas; Shoven, Heather; Deltoral, Miguel
Subject: Flint MI: LCR Enforcement Issues

Mike, Darren, Jeff, Eric, Carol and Miguel and R5 MI/Enforcement personnel (as listed on the R5 webpage).

In this e-mail, I am making you aware of what we know regarding the Flint lead situation.

1) They do not have an approved lead sampling pool. Only 13 of the lowest lead sampled homes from 2014, were resampled in 2015.
The homes sampling high in 2014, were not asked to be resampled.
At best, their program is sending out sampling bottles at random across the city.

2) This message exemplifies the type of site selection, that they are doing to satisfy their high risk LCR monitoring pool site.
That is, none. They are not even hiding it.
http://www.flintneighborhoodsunited.org/drinking-water-testing/.

3) Furthermore, in a video now on the ACLU website, at the end of the interview, Mike Glasgow (Flint LCR program) notes what is perfectly obvious from looking at the MDEQ FOIA materials.
"we threw out bottles everywhere just to collect as many as we can, just to hit our number, and we just turn in every result we get in."
Moreover, they do not have the records to show the homes have lead pipe. ***"we are still looking for the records"***
See video here. Start at 4 minutes and 13 seconds to see the admission. ***https://vimeo.com/139882021***

4) On top of that, according to my count, MDEQ covered up no fewer than 5 violations in the 2015 sample round. These include:

a) Technical violation in that what they now stamp as the "draft" report (attached) is late (the signed date is 7/28/2015). It was due 7/10/2015. The final "revised" report is dated 8/20/2015 (also attached), which is 40 days late.

b) Although 87 sites from 2014 were not resampled, no written justification for the site changes was provided in the FOIA materials, and this is required by law.
The statement given today by Flint, that residents were not resampled because they did not want to participate, is contradicted by my conversations with residents.

c) In the original 71 samples Flint submitted late, the lead 90%ile action level was exceeded. MDEQ took the initiative to invalidate 2 samples, dropping Flint below the Action Level.
Flint never requested in writing that any of the samples be invalidated (see the comments written in the box of page 1, FOIA 15-585).
Mike Glasgow says that the 2 high samples were deleted based on the conference call. Only the high samples were scrutinized for meeting the sample pool criteria.
No low samples were investigated. I have the e-mails.

4) The "Draft 7/28/2015" and "revised 8/20/2015" LCR reports, on page 1, check boxes that note Tier 1 sites are not used. MDEQ asks no questions about that. In video Mike admits he has no knowledge of what sites actually have lead pipe or not.

5) Flint did not achieve the minimum number of samples as determined before the sampling round. In his e-mail Mike Glasgow (see below, and see FLINT LCR FOR FOIA...pdf) acknowledges this will be a technical violation. The draft LCR clearly indicates that the minimum was not achieved. MDEQ responds "we are discussing options" to handle this technical violation. In the August 20th revised final report, even this technical violation magically disappears (see comments box on page 1....).

From: Rosenthal, Adam (DEQ)
Sent: Friday, July 10, 2015 11:28 AM
To: 'Michael Glasgow'
Cc: Brent Wright
Subject: RE: lead/copper

we are discussing options regarding this and future rounds of monitoring and will get back with you.

thanks,

Adam Rosenthal, EQA
MDEQ – Office of Drinking Water and Municipal Assistance
Lansing District – Constitution Hall 1SW
PO Box 30242
Lansing, MI 48909
517-284-6644
fax: 517-241-3571

For MORs, Lab Results & Reporting Forms:
DEQ-DWMA-Lansing@michigan.gov

From: Michael Glasgow [mailto:mglasgow@cityofflint.com]
Sent: Thursday, July 09, 2015 2:19 PM
To: Rosenthal, Adam (DEQ)
Cc: Brent Wright
Subject: Re: lead/copper

Adam,

I just sent the last of the samples to the lab today. Unfortunately we did not reach 100 samples. I believe the count I have is 76 total. Since we have had a few more hits this round, we are going to continue to solicit samples for our own informational purposes. I am disappointed in the turnout of sampling, we distributed close to 200 sample bottles. With this monitoring violation will we be required to collect another round of 100 samples?

KEY POINTS:

1) FLINT HAS LOTS OF LEAD PIPE, NO CORROSION CONTROL TREATMENT, AND HAS HAD NO LEGITIMATE LCR TESTING FOR AT LEAST A YEAR.
2) AMONGST LOW INCOME INFANTS, BREAST FEEDING RATES ARE LOWER, AND FORMULA USE IS HIGHER. MANY FLINTS RESIDENTS CANNOT AFFORD TO FLUSH DUE TO HIGH WATER RATES. THEY CANNOT AFFORD BOTTLED WATER. THIS IS AN UNPRECEDENTED SITUATION AND EPA NEEDS TO TAKE THIS SERIOUSLY. NOW.
3) WE HAVE ONE CHILD WITH ELEVATED BLOOD LEAD ALREADY...IN FACT, THAT IS THE ONLY REASON WE KNOW ABOUT ANY OF THE ABOVE.
4) MDEQ IS STILL PUBLICLY INSISTING FLINT WATER HAS TESTED SAFE, IS SAFE, AND THAT FLINT HAS **NO VIOLATIONS** of any sort.

I believe that someone at HQ or in R5 should immediately take decisive action on this issue to protect the public.

Marc

N DEPARTMENT OF ENVIRONMENTAL QUALITY
F DRINKING WATER AND MUNICIPAL ASSISTANCE

DRAFT

AND COPPER REPORT AND
ONSUMER NOTICE OF LEAD RESULT
CERTIFICATE FOR COMMUNITY WATER SUPPLY

Issued under authority of 1976 PA 399, MCL 325.1001 *et al.*, and Administrative Rules, as amended.
Failure to submit this information is a violation of Act 399 and may subject the water supply to enforcement penalties.

Administrative Rule R 325.10710d requires water supplies to report lead and copper monitoring information within 10 days after the end of the monitoring period. This form may be used to meet this requirement. Submit the information to the appropriate Department of Environmental Quality (DEQ) district office. For district office addresses, visit www.michigan.gov/deq and click on Locations.

1. Water Supply Name: City of Flint Water Plant
2. County: Genesee 3. WSSN: 2310
4. Population: 99,763 5. Monitoring Period: From: 1/1/15 To: 6/30/15
6. Minimum # of Samples Required: 100 60 7. # of Samples Taken: 11 ~~72~~ 69
8. Name of Certified Laboratory: DEQ Drinking Water Laboratory

9. SAMPLE CRITERIA:

Yes	No	Explain No responses in Comments block.	
☐	☒	a. Are the same sampling points used as in the previous monitoring period?	
☐	☒	b. Are all samples from Tier 1 sites?	For more information see *Instructions* paragraph 11, subparagraph "Sample Category."
☒	☐	c. Are all samples from Tier 1, 2, or 3 sites giving Tier 1 priority?	
☒	☐	d. If no Tier 1, 2, or 3 sites are available, do all sites have plumbing materials commonly found at other locations in the system?	
☒	☐	e. Is the minimum number of lead service line samples taken (when applicable)?	

Comments:
A total of 175 sample bottles and instructions were distributed to city residents. We are continuing to solicit samples due to the fact that we did not reach the minimum number for this monitoring period.

Lead service - majority (30,000?)

10. NAME:

Name: Michael Glasgow

Title: Utilites Administrator Phone: 810-766-7135 Date: 7/28/2015

11. TAP SAMPLING DATA: (Use additional sheets as needed) DRAFT

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
2205 Flusing Rd	2/15/15	1	L	C,P	N.D.	0.13	54663
212 Browning Ave.	2/18/15	1	L	P	104	N.D.	54945
1809 Stevenson St.	2/10/15	1	L	P	10	N.D.	54956
4202 Custer Ave.	3/4/15	1	L	C,P	6	0.27	56223
401 E. Newall St.	3/2/15	1	L	P	5	N.D.	56225
215 Browning Ave. ok	3/21/15	1	L	C,P	N.D.	0.16	56226
2615 Trumbull Ave.	2/27/15	1	L	C,P	3	N.D.	56227
201 Browning Ave. ok	3/5/15	1	L	P	N.D.	N.D.	56228
1224 Decker St.	3/17/15	1	L	C,P	13	0.10	57728
1220 Decker St.	3/17/15	1	L	P	4	N.D.	57730
1379 Washington Ave.	3/19/15	1	L	P	8	N.D.	57731
1383 Washington Ave.	3/19/15	1	L	C,P	6	0.17	57734
1372 Washington Ave.	3/19/15	1	L	C,P	2	0.14	57733
1367 Washington Ave.	3/17/15	1	L	P	1	N.D.	57735
1701 Marquettte Dr.	3/14/15	1	L	C,P	1	0.19	57736
778 Bundy Ave.	3/24/15	1	L	P	N.D.	N.D.	58413
3714 Beecher Rd.	3/24/15	1	L	C	2	0.52	58414
1016 Ingleside Ave.	4/9/15	1	L	C,P	7	0.07	59749
1818 Rock Creek Ln.	4/6/15	1	L	C,P	3	0.11	59750
3010 Cheyenne St.	4/3/15	1	L	C,P	5	0.10	59751

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

11. TAP SAMPLING DATA: (Use additional sheets as needed) DRAFT

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
2606 Mountain Ave.	4/15/15	1	L	P	N.D.	N.D.	60546
2020 Crooked Ln.	4/24/15	1	L	C,P	5	0.10	61845
310 E. Moore St.	4/22/15	1	L	P	5	N.D.	61846
631 Alvord Ave.	5/6/15	1	L	P	42	N.D.	63410
216 Browning Ave.	5/7/15	1	L	C,P	22	0.31	63411
3714 Beecher Rd.	5/14/15	1	L	C,P	8	0.15	64283
~~625 S. Grand Traverse~~	~~5/18/15~~	~~5~~	~~L~~	~~C,P~~	~~20~~	~~0.14~~	64284 X
912 Lexington Ave.	5/15/15	1	L	P	6	N.D.	64285
349 Robbie Ln.	5/31/15	1	L	P	2	N.D.	67428
353 Robbie Ln.	5/30/15	1	L	C,P	5	0.11	67427
341 Robbie Ln.	5/31/15	1	L	C,P	3	0.05	67426
328 Robbie Ln.	5/30/15	1	L	C,P	2	0.09	67425
357 Robbie Ln.	5/31/15	1	L	C	3	0.20	67424
344 Robbie Ln.	5/31/15	1	L	C,P	4	0.11	67423
1807 Oren Ave.	6/8/15	1	L	P	21	N.D.	68023
421 Lyon St.	6/14/15	1	L	C,P	7	0.14	68788
1528 Delaware Ave.	6/12/15	1	L	P	3	N.D.	68789
3811 Brentwood Dr.	6/14/15	1	L	P	42	N.D.	68790
1615 S. Franklin Ave.	6/14/15	1	L	P	N.D.	N.D.	68791
853 E. 7th St.	6/12/15	1	L	C,P	7	0.07	68792

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

14

DRAFT

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
1150 Woodside Dr.	6/14/15	1	L	P	29	N.D.	68793
547 Copeman Blvd.	6/14/15	1	L	P	18	N.D.	68794
920 Stocker Ave.	6/21/15	1	L	P	1	N.D.	69622
742 Lincoln Ave.	6/19/15	1	L	P	2	N.D.	69623
3517 Bennett Ave.	6/24/15	1	L	C,P	3	0.06	69624
1730 Overhill Dr.	6/22/15	1	L	C,P	1	0.08	69625
2117 Stanford Ave.	6/23/15	1	L	C,P	5	0.08	69626
2432 Beta Ln.	6/21/15	1	L	P	N.D.	N.D.	69627
2023 Miller Rd.	6/21/15	1	L	C,P	3	0.06	69628
721 East St. Apt #2	6/25/15	4	L	C,P	10	0.16	70222
3814 Whitter	6/25/15	1	L	P	2	N.D.	70223
3120 Norwood	6/24/15	1	L	P	5	N.D.	70224
2122 Pierce St.	6/21/15	1	L	P	2	N.D.	70225
3521 Bennett Ave.	6/25/15	1	L	P	3	N.D.	70226
1602 Raspberry Ln.	6/24/15	1	L	P	N.D.	N.D.	70227
1809 Lynbrook	6/26/15	1	L	P	3	N.D.	70228
2112 Sherff	6/24/15	1	L	C,P	9	0.06	70229
1205 Blanchard Ave.	6/24/15	1	L	C,P	11	0.05	70230
860 Schafer St.	6/26/15	1	L	C,P	N.D.	0.06	70231
2110 Flushing Rd.	6/30/15	1	L	C	N.D.	0.10	71158

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

1-0

11. TAP SAMPLING DATA: (Use additional sheets as needed)

DRAFT

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
2300 Flushing Rd.	6/29/15	1	L	C	3	0.28	71159
2130 Flushing Rd.	6/28/15	1	L	C,P	6	0.05	71160
2202 Flushing Rd.	6/29/15	1	L	C,P	2	0.06	71162
2429 Flushing Rd.	6/30/15	1	L	C,P	N.D.	0.06	71163
4013 Brownell Blvd.	6/29/15	1	L	C,P	2	0.08	71165
2414 Flushing Rd.	6/30/15	1	L	P	N.D.	N.D.	71166
1914 Penbrook Ln	6/29/15	1	L	P	2	N.D.	71167
3901 Leedra St.	6/26/15	1	L	P	N.D.	N.D.	71168
3142 McClure	6/26/15	1	L	P	3	N.D.	71169
2114 Flushing Rd.	6/30/15	1	L	C,P	5	0.05	71170
709 Frost St.	6/30/15	1	L	P	2	N.D.	72033

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

Consumer Notice of Lead Result in Drinking Water DRAFT

Water Supply Name:	City of Flint		
County:	Genesee	WSSN:	2310
Sample Location:	401 E. Newall St.	Date Sampled:	3/2/15

Thank you for participating in the lead and copper monitoring of drinking water. The levels of lead and copper found at your location are in the table below.

Key to Table	Contaminant	AL	MCLG	Your Result
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. **Maximum Contaminant Level Goal (MCLG):** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. ppb: parts per billion or micrograms per liter.	Lead (ppb)	15	0	5
	Copper (ppb)	1300	1300	Not Detected

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

To reduce exposure to lead in drinking water:

- *Run your water to flush out lead.* Run the water until it becomes cold.
- *Use cold water for cooking and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily in hot water.
- *Do not boil water to remove lead.* Boiling water will not reduce lead levels.
- *Look for alternative sources or treatment of water.* If your lead result is above 15 ppb, you may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010, or www.nsf.org for information on performance standards for water filters.
- *Identify if your plumbing fixtures contain lead.* New faucets, fittings, and valves, may contain up to 8 percent lead including those advertised or labeled as "lead-free" and may contribute lead to drinking water. Consumers should be aware of this when choosing fixtures and take appropriate precautions.

Although the primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated soil, the U.S. EPA estimates that 10 to 20 percent of human exposure to lead may come from drinking water.

For more information, contact us at: City of Flint Water Plant (810) 787-6537.
For more information on reducing lead exposure around your home and the health effects of lead, visit the U.S. EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

Certification: WSSN: 2310

I certify that this public water supply has provided the consumer notice of lead result to persons served at each of the taps that was tested, either by mail or by another method approved by the DEQ, within 30 days of knowing the result. The Notice includes required content.

Michael Glasgow — Signature
UTILITIES ADMINISTRATOR — Title
3/17/15 — Date Sent to Consumer

Reminder to water supplier: Complete this certification on only one (1) example copy of a notice sent to a consumer and submit it to the DEQ.

Rosenthal, Adam (DEQ)

From: Rosenthal, Adam (DEQ)
Sent: Monday, August 03, 2015 9:57 AM
To: 'Michael Glasgow'
Subject: RE: PbCu Cert form

Morning Mike, I also need copies of all 68 consumer notices. I have 1 from 401 E. Newall St., so 67 more.

thanks,

Adam Rosenthal, EQA
MDEQ – Office of Drinking Water and Municipal Assistance
Lansing District – Constitution Hall 1SW
PO Box 30242
Lansing, MI 48909
517-284-6644
fax: 517-241-3571

For MORs, Lab Results & Reporting Forms:
DEQ-DWMA-Lansing@michigan.gov

From: Michael Glasgow [mailto:mglasgow@cityofflint.com]
Sent: Friday, July 31, 2015 10:28 AM
To: Rosenthal, Adam (DEQ)
Subject: Re: PbCu Cert form

Adam,

Here is the lead & copper report. I have also sent a hard copy out via USPS.

On Thu, Jul 30, 2015 at 9:33 AM, Rosenthal, Adam (DEQ) <ROSENTHALA@michigan.gov> wrote:

Morning Mike, I'm preparing the 90th percentile letter and I need your lead copper certification form with the cert of notification to the customers. What I have are 68 results that are routine from 1/1 – 6/30/15. The link below is for the form if you don't have one.

http://www.michigan.gov/deq/0,4561,7-135-3313_3675_3691-61640--,00.html

thanks,

Adam Rosenthal, EQA

MDEQ – Office of Drinking Water and Municipal Assistance

Lansing District – Constitution Hall 1SW

PO Box 30242

Lansing, MI 48909

517-284-6644

fax: 517-241-3571

For MORs, Lab Results & Reporting Forms:

DEQ-DWMA-Lansing@michigan.gov

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Mike Glasgow
Utilities Administrator
City of Flint
1101 S. Saginaw St.
Flint, MI 48502
(810)766-7135 ext. 2602

Rosenthal, Adam (DEQ)

From: Rosenthal, Adam (DEQ)
Sent: Friday, July 10, 2015 11:28 AM
To: 'Michael Glasgow'
Cc: Brent Wright
Subject: RE: lead/copper

we are discussing options regarding this and future rounds of monitoring and will get back with you.

thanks,

Adam Rosenthal, EQA
MDEQ – Office of Drinking Water and Municipal Assistance
Lansing District – Constitution Hall 1SW
PO Box 30242
Lansing, MI 48909
517-284-6644
fax: 517-241-3571

For MORs, Lab Results & Reporting Forms:
DEQ-DWMA-Lansing@michigan.gov

From: Michael Glasgow [mailto:mglasgow@cityofflint.com]
Sent: Thursday, July 09, 2015 2:19 PM
To: Rosenthal, Adam (DEQ)
Cc: Brent Wright
Subject: Re: lead/copper

Adam,

I just sent the last of the samples to the lab today. Unfortunately we did not reach 100 samples. I believe the count I have is 76 total. Since we have had a few more hits this round, we are going to continue to solicit samples for our own informational purposes. I am disappointed in the turnout of sampling, we distributed close to 200 sample bottles. With this monitoring violation will we be required to collect another round of 100 samples?

Also, I have attached a copy of our June bromate test results.

On Thu, Jul 9, 2015 at 9:55 AM, Rosenthal, Adam (DEQ) <ROSENTHALA@michigan.gov> wrote:

Morning Mike, do you have a count on how many lead/copper samples were turned in? I know they all haven't been run at the lab yet, but if I can verify how many there will be, that would be good. So far I have 70 results and the City is below the AL for lead – current 90th = 13 ppb. All the copper results are below.

thanks,

Adam Rosenthal, EQA

MDEQ – Office of Drinking Water and Municipal Assistance

Lansing District – Constitution Hall 1SW

PO Box 30242

Lansing, MI 48909

517-284-6644

fax: 517-241-3571

For MORs, Lab Results & Reporting Forms:

DEQ-DWMA-Lansing@michigan.gov

--

Mike Glasgow
Utilities Administrator
City of Flint
1101 S. Saginaw St.
Flint, MI 48502
(810)766-7135 ext. 2602

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF DRINKING WATER AND MUNICIPAL ASSISTANCE

LEAD AND COPPER REPORT AND CONSUMER NOTICE OF LEAD RESULT CERTIFICATE FOR COMMUNITY WATER SUPPLY

Issued under authority of 1976 PA 399, MCL 325.1001 *et al.*, and Administrative Rules, as amended.
Failure to submit this information is a violation of Act 399 and may subject the water supply to enforcement penalties.

Administrative Rule R 325.10710d requires water supplies to report lead and copper monitoring information within 10 days after the end of the monitoring period. This form may be used to meet this requirement. Submit the information to the appropriate Department of Environmental Quality (DEQ) district office. For district office addresses, visit www.michigan.gov/deq and click on Locations.

1. Water Supply Name: City of Flint Water Plant
2. County: Genesee 3. WSSN: **2310**
4. Population: 99,763 5. Monitoring Period: From: 1/1/15 To: 6/30/15
6. Minimum # of Samples Required: 60 7. # of Samples Taken: 69
8. Name of Certified Laboratory: DEQ Drinking Water Laboratory

9. SAMPLE CRITERIA:

Yes	No	Explain No responses in Comments block.	
☐	☒	a. Are the same sampling points used as in the previous monitoring period?	
☐	☒	b. Are all samples from Tier 1 sites?	For more information see *Instructions* paragraph 11, subparagraph "Sample Category."
☒	☐	c. Are all samples from Tier 1, 2, or 3 sites giving Tier 1 priority?	
☒	☐	d. If no Tier 1, 2, or 3 sites are available, do all sites have plumbing materials commonly found at other locations in the system?	
☒	☐	e. Is the minimum number of lead service line samples taken (when applicable)?	

Comments: Revised report after conference call with DEQ staff. Two samples were removed from list for not meeting sample criteria, and due to population the number of samples required was reduced to 60.

10. NAME:

Name: Michael Glasgow

Title: Utilites Administrator Phone: 810-766-7135 Date: 8/20/2015

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
2205 Flusing Rd	2/15/15	1	L	C,P	N.D.	0.13	54663
1809 Stevenson St.	2/10/15	1	L	P	10	N.D.	54956
4202 Custer Ave.	3/4/15	1	L	C,P	6	0.27	56223
401 E. Newall St.	3/2/15	1	L	P	5	N.D.	56225
215 Browning Ave.	3/21/15	1	L	C,P	N.D.	0.16	56226
2615 Trumbull Ave.	2/27/15	1	L	C,P	3	N.D.	56227
201 Browning Ave.	3/5/15	1	L	P	N.D.	N.D.	56228
1224 Decker St.	3/17/15	1	L	C,P	13	0.10	57728
1220 Decker St.	3/17/15	1	L	P	4	N.D.	57730
1379 Washington Ave.	3/19/15	1	L	P	8	N.D.	57731
1383 Washington Ave.	3/19/15	1	L	C,P	6	0.17	57734
1372 Washington Ave.	3/19/15	1	L	C,P	2	0.14	57733
1367 Washington Ave.	3/17/15	1	L	P	1	N.D.	57735
1701 Marquettte Dr.	3/14/15	1	L	C,P	1	0.19	57736
778 Bundy Ave.	3/24/15	1	L	P	N.D.	N.D.	58413
3714 Beecher Rd.	3/24/15	1	L	C	2	0.52	58414
1016 Ingleside Ave.	4/9/15	1	L	C,P	7	0.07	59749
1818 Rock Creek Ln.	4/6/15	1	L	C,P	3	0.11	59750
3010 Cheyenne St.	4/3/15	1	L	C,P	5	0.10	59751
2606 Mountain Ave.	4/15/2015	1	L	P	N.D.	N.D.	60546

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
2020 Crooked Ln.	4/24/15	1	L	C,P	5	0.10	61845
310 E. Moore St.	4/22/15	1	L	P	5	N.D.	61846
631 Alvord Ave.	5/6/15	1	L	P	42	N.D.	63410
216 Browning Ave.	5/7/15	1	L	C,P	22	0.31	63411
3714 Beecher Rd.	5/14/15	1	L	C,P	8	0.15	64283
912 Lexington Ave.	5/15/15	1	L	P	6	N.D.	64285
349 Robbie Ln.	5/31/15	1	L	P	2	N.D.	67428
353 Robbie Ln.	5/30/15	1	L	C,P	5	0.11	67427
341 Robbie Ln.	5/31/15	1	L	C,P	3	0.05	67426
328 Robbie Ln.	5/30/15	1	L	C,P	2	0.09	67425
357 Robbie Ln.	5/31/15	1	L	C	3	0.20	67424
344 Robbie Ln.	5/31/15	1	L	C,P	4	0.11	67423
1807 Oren Ave.	6/8/15	1	L	P	21	N.D.	68023
421 Lyon St.	6/14/15	1	L	C,P	7	0.14	68788
1528 Delaware Ave.	6/12/15	1	L	P	3	N.D.	68789
3811 Brentwood Dr.	6/14/15	1	L	P	42	N.D.	68790
1615 S. Franklin Ave.	6/14/15	1	L	P	N.D.	N.D.	68791
853 E. 7th St.	6/12/15	1	L	C,P	7	0.07	68792
1150 Woodside Dr.	6/14/15	1	L	P	29	N.D.	68793
547 Copeman Blvd.	6/15/14	1	L	P	18	N.D.	68794

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
2114 Flushing Rd.	6/30/15	1	L	P	5	0.05	71170
709 Frost St.	6/30/15	1	L	P	2	N.D.	72033
920 Stocker Ave.	6/21/15	1	L	P	1	N.D.	69622
742 Lincoln Ave.	6/19/15	1	L	P	2	N.D.	69623
3517 Bennett Ave.	6/24/15	1	L	C,P	3	0.06	69624
1730 Overhill Dr.	6/22/15	1	L	C,P	1	0.08	69625
2117 Stanford Ave.	6/23/15	1	L	C,P	5	0.08	69626
2432 Beta Ln.	6/21/15	1	L	P	N.D.	N.D.	69627
2023 Miller Rd.	6/21/15	1	L	C,P	3	0.06	69628
721 East St. Apt #2	6/25/15	4	L	C,P	10	0.16	70222
3814 Whitter	6/25/15	1	L	P	2	N.D.	70223
3120 Norwood	6/24/15	1	L	P	5	N.D.	70224
2122 Pierce St.	6/21/15	1	L	P	2	N.D.	70225
3521 Bennett Ave.	6/25/15	1	L	P	3	N.D.	70226
1602 Raspberry Ln.	6/24/15	1	L	P	N.D.	N.D.	70227
1809 Lynbrook	6/26/15	1	L	P	3	N.D.	70228
2112 Sherff	6/24/15	1	L	C,P	9	0.06	70229
1205 Blanchard Ave.	6/24/15	1	L	C,P	11	0.05	70230
860 Schafer St.	6/26/15	1	L	C,P	N.D.	0.06	70231
2110 Flushing Rd.	6/30/15	1	L	C	N.D.	0.10	71158

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
2300 Flushing Rd.	6/29/15	1	L	C	3	0.28	71159
2130 Flushing Rd.	6/28/15	1	L	C,P	6	0.05	71160
2202 Flushing Rd.	6/29/15	1	L	C,P	2	0.06	71162
2429 Flushing Rd.	6/30/15	1	L	C,P	N.D.	0.06	71163
4013 Brownell Blvd.	6/29/15	1	L	C,P	2	0.08	71165
2414 Flushing Rd.	6/30/15	1	L	P	N.D.	N.D.	71166
1914 Penbrook Ln	6/29/15	1	L	P	2	N.D.	71167
3901 Leedra St.	6/26/15	1	L	P	N.D.	N.D.	71168
3142 McClure	6/26/15	1	L	P	3	N.D.	71169

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF DRINKING WATER AND MUNICIPAL ASSISTANCE

LEAD AND COPPER REPORT AND CONSUMER NOTICE OF LEAD RESULT CERTIFICATE FOR COMMUNITY WATER SUPPLY

Issued under authority of 1976 PA 399, MCL 325.1001 *et al.*, and Administrative Rules, as amended.
Failure to submit this information is a violation of Act 399 and may subject the water supply to enforcement penalties.

Administrative Rule R 325.10710d requires water supplies to report lead and copper monitoring information within 10 days after the end of the monitoring period. This form may be used to meet this requirement. Submit the information to the appropriate Department of Environmental Quality (DEQ) district office. For district office addresses, visit www.michigan.gov/deq and click on Locations.

1. Water Supply Name: City of Flint Water Plant
2. County: Genesee 3. WSSN: **2310**
4. Population: 99,763 5. Monitoring Period: From: 1/1/15 To: 6/30/15
6. Minimum # of Samples Required: 100 7. # of Samples Taken: 71
8. Name of Certified Laboratory: DEQ Drinking Water Laboratory

9. SAMPLE CRITERIA:

Yes	No	Explain No responses in Comments block.	
☐	☒	a. Are the same sampling points used as in the previous monitoring period?	
☐	☒	b. Are all samples from Tier 1 sites?	For more information see *Instructions* paragraph 11, subparagraph "Sample Category."
☒	☐	c. Are all samples from Tier 1, 2, or 3 sites giving Tier 1 priority?	
☒	☐	d. If no Tier 1, 2, or 3 sites are available, do all sites have plumbing materials commonly found at other locations in the system?	
☒	☐	e. Is the minimum number of lead service line samples taken (when applicable)?	

Comments:
A total of 175 sample bottles and instructions were distributed to city residents. We are contiuning to solicit samples due to the fact that we did not reach the minimum number for this monitoring period.

10. NAME:

Name: Michael Glasgow

Title: Utilites Administrator Phone: 810-766-7135 Date: 7/28/2015

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
2205 Flusing Rd	2/15/15	1	L	C,P	N.D.	0.13	54663
212 Browning Ave.	2/18/15	1	L	P	104	N.D.	54945
1809 Stevenson St.	2/10/15	1	L	P	10	N.D.	54956
4202 Custer Ave.	3/4/15	1	L	C,P	6	0.27	56223
401 E. Newall St.	3/2/15	1	L	P	5	N.D.	56225
215 Browning Ave.	3/21/15	1	L	C,P	N.D.	0.16	56226
2615 Trumbull Ave.	2/27/15	1	L	C,P	3	N.D.	56227
201 Browning Ave.	3/5/15	1	L	P	N.D.	N.D.	56228
1224 Decker St.	3/17/15	1	L	C,P	13	0.10	57728
1220 Decker St.	3/17/15	1	L	P	4	N.D.	57730
1379 Washington Ave.	3/19/15	1	L	P	8	N.D.	57731
1383 Washington Ave.	3/19/15	1	L	C,P	6	0.17	57734
1372 Washington Ave.	3/19/15	1	L	C,P	2	0.14	57733
1367 Washington Ave.	3/17/15	1	L	P	1	N.D.	57735
1701 Marquettte Dr.	3/14/15	1	L	C,P	1	0.19	57736
778 Bundy Ave.	3/24/15	1	L	P	N.D.	N.D.	58413
3714 Beecher Rd.	3/24/15	1	L	C	2	0.62	58414
1016 Ingleside Ave.	4/9/15	1	L	C,P	7	0.07	59749
1818 Rock Creek Ln.	4/6/15	1	L	C,P	3	0.11	59750
3010 Cheyenne St.	4/3/15	1	L	C,P	5	0.10	59751

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
2606 Mountain Ave.	4/15/15	1	L	P	N.D.	N.D.	60546
2020 Crooked Ln.	4/24/15	1	L	C,P	5	0.10	61845
310 E. Moore St.	4/22/15	1	L	P	5	N.D.	61846
631 Alvord Ave.	5/6/15	1	L	P	42	N.D.	63410
216 Browning Ave.	5/7/15	1	L	C,P	22	0.31	63411
3714 Beecher Rd.	5/14/15	1	L	C,P	8	0.15	64283
625 S. Grand Traverse	5/18/15	5	L	C,P	20	0.14	64284
912 Lexington Ave.	5/15/15	1	L	P	6	N.D.	64285
349 Robbie Ln.	5/31/15	1	L	P	2	N.D.	67426
353 Robbie Ln.	5/30/15	1	L	C,P	5	0.11	67427
341 Robbie Ln.	5/31/15	1	L	C,P	3	0.05	67426
328 Robbie Ln.	5/30/15	1	L	C,P	2	0.09	67425
357 Robbie Ln.	5/31/15	1	L	C	3	0.20	67424
344 Robbie Ln.	5/31/15	1	L	C,P	4	0.11	67423
1807 Oren Ave.	6/8/15	1	L	P	21	N.D.	68023
421 Lyon St.	6/14/15	1	L	C,P	7	0.14	68788
1528 Delaware Ave.	6/12/15	1	L	P	3	N.D.	68789
3811 Brentwood Dr.	6/14/15	1	L	P	42	N.D.	68790
1615 S. Franklin Ave.	6/14/15	1	L	P	N.D.	N.D.	68791
853 E. 7th St.	6/12/15	1	L	C,P	7	0.07	68792

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumbing[2]	Lead (ppb)	Copper (ppb)	Lab #
1150 Woodside Dr.	6/14/15	1	L	P	29	N.D.	68793
547 Copeman Blvd.	6/14/15	1	L	P	18	N.D.	68794
920 Stocker Ave.	6/21/15	1	L	P	1	N.D.	69622
742 Lincoln Ave.	6/19/15	1	L	P	2	N.D.	69623
3517 Bennett Ave.	6/24/15	1	L	C,P	3	0.06	69624
1730 Overhill Dr.	6/22/15	1	L	C,P	1	0.08	69625
2117 Stanford Ave.	6/23/15	1	L	C,P	5	0.08	69626
2432 Beta Ln.	6/21/15	1	L	P	N.D.	N.D.	69627
2023 Miller Rd.	6/21/15	1	L	C,P	3	0.06	69628
721 East St. Apt #2	6/25/15	4	L	C,P	10	0.16	70222
3814 Whitter	6/25/15	1	L	P	2	N.D.	70223
3120 Norwood	6/24/15	1	L	P	5	N.D.	70224
2122 Pierce St.	6/21/15	1	L	P	2	N.D.	70225
3521 Bennett Ave.	6/25/15	1	L	P	3	N.D.	70226
1602 Raspberry Ln.	6/24/15	1	L	P	N.D.	N.D.	70227
1809 Lynbrook	6/26/15	1	L	P	3	N.D.	70228
2112 Sherff	6/24/15	1	L	C,P	9	0.06	70229
1205 Blanchard Ave.	6/24/15	1	L	C,P	11	0.05	70230
860 Schafer St.	6/26/15	1	L	C,P	N.D.	0.06	70231
2110 Flushing Rd.	6/30/15	1	L	C	N.D.	0.10	71158

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

11. TAP SAMPLING DATA: (Use additional sheets as needed)

Water Supply Name/County City of Flint Water Plant WSSN 2310

RESULTS:

Sample Location	Sample Date	Sample Category[1]	Service Lines[2]	Bldg Plumb-ing[2]	Lead (ppb)	Copper (ppb)	Lab #
2300 Flushing Rd.	6/29/15	1	L	C	3	0.28	71159
2130 Flushing Rd.	6/28/15	1	L	C,P	6	0.05	71160
2202 Flushing Rd.	6/29/15	1	L	C,P	2	0.06	71162
2429 Flushing Rd.	6/30/15	1	L	C,P	N.D.	0.06	71163
4013 Brownell Blvd.	6/29/15	1	L	C,P	2	0.08	71165
2414 Flushing Rd.	6/30/15	1	L	P	N.D.	N.D.	71166
1914 Penbrook Ln	6/29/15	1	L	P	2	N.D.	71167
3901 Leedra St.	6/26/15	1	L	P	N.D.	N.D.	71168
3142 McClure	6/26/15	1	L	P	3	N.D.	71169
2114 Flushing Rd.	6/30/15	1	L	C,P	5	0.05	71170
709 Frost St.	6/30/15	1	L	P	2	N.D.	72033

[1] Sample Category: Enter a number 1 through 6 to designate the category of tap sample site. For more information see *Instructions* paragraph 11, subparagraph "Sample Category."

[2] Materials used for service line and building plumbing: Enter C = copper; G = galvanized; L = lead; or P = plastic.

TO BE DETERMINED BY DEQ

	90th percentile	Ave	Max	# > AL
Pb				
Cu				

Consumer Notice of Lead Result in Drinking Water

Water Supply Name:	City of Flint		
County:	Genesee	WSSN:	2310
Sample Location:	401 E. Newall St.	Date Sampled:	3/2/15

Thank you for participating in the lead and copper monitoring of drinking water. The levels of lead and copper found at your location are in the table below.

Key to Table	Contaminant	AL	MCLG	Your Result
Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. **Maximum Contaminant Level Goal (MCLG):** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. ppb: parts per billion or micrograms per liter.	Lead (ppb)	15	0	5
	Copper (ppb)	1300	1300	Not Detected

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and it can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

To reduce exposure to lead in drinking water:

- *Run your water to flush out lead.* Run the water until it becomes cold.
- *Use cold water for cooking and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily in hot water.
- *Do not boil water to remove lead.* Boiling water will not reduce lead levels.
- *Look for alternative sources or treatment of water.* If your lead result is above 15 ppb, you may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010, or www.nsf.org for information on performance standards for water filters.
- *Identify if your plumbing fixtures contain lead.* New faucets, fittings, and valves, may contain up to 8 percent lead including those advertised or labeled as "lead-free" and may contribute lead to drinking water. Consumers should be aware of this when choosing fixtures and take appropriate precautions.

Although the primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated soil, the U.S. EPA estimates that 10 to 20 percent of human exposure to lead may come from drinking water.

For more information, contact us at: City of Flint Water Plant (810) 787-6537.
For more information on reducing lead exposure around your home and the health effects of lead, visit the U.S. EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

Certification: WSSN: 2310
I certify that this public water supply has provided the consumer notice of lead result to persons served at each of the taps that was tested, either by mail or by another method approved by the DEQ, within 30 days of knowing the result. The Notice includes required content.

Michael J. Glasgow — UTILITIES ADMINISTRATOR — 3/17/15
Signature — Title — Date Sent to Consumer

Reminder to water supplier: Complete this certification on only one (1) example copy of a notice sent to a consumer and submit it to the DEQ.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF58413

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	778 E BUNDY AVE,FLINT	Source:	TYPE I	
Collected By:	SANDRA HULL	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/24/2015	06:25
Sample Point:	MAIN BATHROOM	Date Received:	03/31/2015	11:11
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	04/01/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	04/01/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF58414

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	3714 BEECHER RD,FLINT	Source:	TYPE I	
Collected By:	MELISSA MAYS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/24/2015	06:30
Sample Point:	KITCHEN	Date Received:	03/31/2015	11:11
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.52	04/01/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	04/01/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Ploper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF59749

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1016 INGLESIDE AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	JAMES D JARVIS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	04/09/2015	07:00
Sample Point:	KITCHEN	Date Received:	04/14/2015	11:07
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	04/15/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	04/15/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8662

Sample Number
LF59750

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1818 ROCK CREEK LN,FLINT	Source:	Single Family Dwelling	
Collected By:	HELEN HUNTER	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	04/06/2015	08:50
Sample Point:	MAIN BATHROOM	Date Received:	04/14/2015	11:07
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	04/15/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	04/15/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF59751

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	3010 CHEYENNE ST,FLINT	Source:	Single Family Dwelling	
Collected By:	GERTRUDE MARSHALL	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	04/03/2015	08:50
Sample Point:	KITCHEN	Date Received:	04/14/2015	11:07
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	04/15/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	04/15/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF61845

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	2020 CROOKED LN,FLINT	Source:	Single Family Dwelling	
Collected By:	TRACY & M IKE SARGENT	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	04/24/2015	07:00
Sample Point:	KITCHEN	Date Received:	05/04/2015	10:21
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	05/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	05/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF61846

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	310 E MOORE ST,FLINT	Source:	Single Family Dwelling	
Collected By:	HUSTON BOLDEN	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	04/22/2015	07:00
Sample Point:	KITCHEN	Date Received:	05/04/2015	10:21
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	05/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	05/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF67423

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	344 ROBBIE LN,FLINT	Source:	Single Family Dwelling	
Collected By:	CASSANDRA BROWN	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/31/2015	08:15
Sample Point:	BATHROOM	Date Received:	06/11/2015	10:51
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	06/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	06/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF67424

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	357 ROBBIE LN,FLINT	Source:	Single Family Dwelling	
Collected By:	FRANK EVANS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/31/2015	08:00
Sample Point:	KITCHEN	Date Received:	06/11/2015	10:51
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	06/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	06/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF67425

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	328 ROBBIE LN,FLINT	Source:	Single Family Dwelling	
Collected By:	WILLIE TURNER	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/30/2015	06:00
Sample Point:	KITCHEN	Date Received:	06/11/2015	10:51
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	06/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	06/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF67426

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	
Collection Address:	341 ROBBIE LN,FLINT	Source:	Single Family Dwelling
Collected By:	FLORISSA STEBBINS	Site Code:	
Township/Well#/Section:	//	Collector:	Private Citizen
County:	Genesee	Date Collected:	05/31/2015 06:00
Sample Point:	KITCHEN	Date Received:	06/11/2015 10:51
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	06/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	06/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF67427

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	353 ROBBIE LN,FLINT	Source:	Single Family Dwelling	
Collected By:	ZETAN EVANS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/30/2015	06:45
Sample Point:	BATHROOM	Date Received:	06/11/2015	10:51
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	06/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	06/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF67428

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	349 ROBBIE LN,FLINT	Source:	Single Family Dwelling	
Collected By:	DORIS NUNN	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/31/2015	08:00
Sample Point:	KITCHEN	Date Received:	06/11/2015	10:51
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	06/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	06/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF63410

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	631 ALVORD AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	JANICE BERRYMAN	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/06/2015	07:00
Sample Point:	MAIN BATHROOM	Date Received:	05/13/2015	11:26
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	05/14/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.042	05/14/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8662

Sample Number
LF63411

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	216 BROWNING AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	DEB	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/07/2015	08:00
Sample Point:	KITCHEN	Date Received:	05/13/2015	11:26
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	05/14/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.022	05/14/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF59748

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	212 BROWNING AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	LEEANNE WALTERS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	04/02/2015	08:00
Sample Point:	PRE P O S FILTER	Date Received:	04/14/2015	11:07
Water System:	Treated Public Distribution System	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	04/16/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.707	04/16/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54663

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	2205 FLUSHING RD,FLINT	Source:	TYPE I
Collected By:	CHRIS BEATENHEAD	Site Code:	
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/15/2015 06:00
Sample Point:	KITCHEN	Date Received:	02/17/2015 10:47
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	02/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	02/18/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3503

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julie Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF56223

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	4202 CUSTER AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	JACQUELINE PEMBERTON	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/04/2015	08:00
Sample Point:	KITCHEN	Date Received:	03/06/2015	11:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	03/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	03/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF56224

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	212 BROWNING AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	LEEANNE WALTERS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/03/2015	06:00
Sample Point:	KITCHEN	Date Received:	03/06/2015	11:33
Water System:	Treated Public Distribution System	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.397	03/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF56225

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	401 E NEWALL ST,FLINT	Source:	Single Family Dwelling	
Collected By:	MARK CROMWELL SR	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	03/02/2015	09:30
Sample Point:	KITCHEN	Date Received:	03/06/2015	11:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	03/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF56226

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	215 BROWNING AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	KEVIN & JENNIFER STARNES	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/02/2015	06:30
Sample Point:	KITCHEN	Date Received:	03/06/2015	11:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	03/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	03/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF56227

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	2615 TRUMBULL AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	JENNIFER PEDERSON	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	02/27/2015	10:00
Sample Point:	KITCHEN	Date Received:	03/06/2015	11:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	03/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF56228

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	201 BROWNING AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	FLOYD BELL	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/05/2015	09:30
Sample Point:	KITCHEN	Date Received:	03/06/2015	11:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	03/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54945

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	212 BROWNING AVE,FLINT	Source:	TYPE I	
Collected By:	LEANNE WALTERS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	02/18/2015	07:15
Sample Point:	KITCHEN	Date Received:	02/19/2015	11:13
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	02/20/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.104	02/20/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54946

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1809 STEVENSON ST,FLINT	Source:	TYPE I	
Collected By:	MIKE TAYLOR	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	02/10/2015	06:30
Sample Point:	KITCHEN SINK	Date Received:	02/19/2015	11:13
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	02/20/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	02/20/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1640
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57728

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1224 DECKER ST,FLINT	Source:	Single Family Dwelling	
Collected By:	LOU ANNE MALIS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/17/2015	06:00
Sample Point:	KITCHEN	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57729

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT		WSSN/Pool ID:	2310	
Collection Address:	212 BROWNING AVE,FLINT		Source:	Single Family Dwelling	
Collected By:	MIKE GLASGOW		Site Code:		
Township/Well#/Section:	//		Collector:	Public Water Supply Operator	
County:	Genesee		Date Collected:	03/18/2015	11:10
Sample Point:	KITCHEN		Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System		Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57730

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1220 DECKER ST,FLINT	Source:	Single Family Dwelling	
Collected By:	CARMEN PULIDO	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/17/2015	06:00
Sample Point:	KITCHEN	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57731

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1379 WASHINGTON,FLINT	Source:	Single Family Dwelling	
Collected By:	ROXANNE PUTMAN	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/19/2015	08:30
Sample Point:	KITCHEN	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julie Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
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Sample Number
LF57732

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1383 WASHINGTON AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	ANTHONY PALLADENO	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/09/2015	08:00
Sample Point:	KITCHEN	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3503

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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FAX: (517) 335-8562

Sample Number
LF57733

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1372 WASHINGTON AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	ANTHONY PALLADENO JR	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/19/2015	08:00
Sample Point:	KITCHEN	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julie Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57734

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1383 WASHINGTON AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	ANTHONY PALLADENO III	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/19/2015	08:00
Sample Point:	KITCHEN	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	03/25/2015	0.06	1.3	EPA 200.8	7440-50-8
Lead	0.006	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57735

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1367 WASHINGTON AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	LEAH PALLADENO	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/17/2015	06:00
Sample Point:	MAIN BATHROOM	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF57736

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1701 MARQUETTE DR,FLINT	Source:	Single Family Dwelling	
Collected By:	CHARMA DOMPREH	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	03/14/2015	09:40
Sample Point:	KITCHEN	Date Received:	03/24/2015	11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	03/25/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	03/25/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF68791

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1615 S FRANKLIN AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	VIVAN GRIER	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/14/2015	09:45
Sample Point:	KITCHEN	Date Received:	06/19/2015	11:02
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	06/22/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	06/22/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF68792

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	853 E 7TH ST,FLINT	Source:	Single Family Dwelling	
Collected By:	LAURA STUDACHER	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/12/2015	06:30
Sample Point:	BATHROOM	Date Received:	06/19/2015	11:02
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	06/22/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	06/22/2015	0.001	0.015	EPA 200.8	7439-92-1

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Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF68793

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1150 WOODSIDE DR,FLINT	Source:	Single Family Dwelling	
Collected By:	DEBORAH CONRAD	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/14/2015	07:30
Sample Point:	KITCHEN	Date Received:	06/19/2015	11:02
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	06/22/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.029	06/22/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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RL : Reporting Limit

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CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF68794

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	547 COPEMAN BLVD,FLINT	Source:	Single Family Dwelling	
Collected By:	LINDA LEE	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/14/2015	09:00
Sample Point:	KITCHEN	Date Received:	06/19/2015	11:02
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	06/22/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.018	06/22/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF68023

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1807 OREN AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	MARK RUSSEL	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	06/08/2015	07:30
Sample Point:	BATHROOM	Date Received:	06/16/2015	11:11
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	06/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.021	06/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS#: Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF64282

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	625 S GRAND TRAVERSE,FLINT	Source:	TYPE III	
Collected By:	MIKE GLASGOW	Site Code:		
Township/Well#/Section:	//	Collector:	Public Water Supply Operator	
County:	Genesee	Date Collected:	05/15/2015	13:00
Sample Point:	BATHROOM	Date Received:	05/20/2015	11:24
Water System:	Treated Public Distribution System	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	05/21/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	05/21/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF64283

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	3714 BEECHER RD,FLINT	Source:	Single Family Dwelling	
Collected By:	MELISSA MAYS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/14/2015	06:00
Sample Point:	MAIN BATHROOM	Date Received:	05/20/2015	11:24
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	05/21/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	05/21/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF64284

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	625 S GRAND TRAVERSE,FLINT	Source:	TYPE III	
Collected By:	MIKE SARGENT	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/18/2015	08:30
Sample Point:	UTILITY SINK	Date Received:	05/20/2015	11:24
Water System:	Treated Public Distribution System	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	05/21/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.020	05/21/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF64285

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	912 LEXINGTON AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	LAURA HATT	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	05/15/2015	09:00
Sample Point:	MAIN BATHROOM	Date Received:	05/20/2015	11:24
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	05/21/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	05/21/2015	0.001	0.015	EPA 200.8	7439-92-1

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CFU : Colony Forming Unit

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Systems Mgmt. Unit Mgr: George Krisztian

ead/copper Inbox x

Rosenthal, Adam (DEQ) <ROSENTHALA@michigan.gov> Jul 9
to me

Morning Mike, do you have a count on how many lead/copper samples were turned in? I know they all haven't been run at the lab yet, but if I can verify how many there will be, that would be good. So far I have 70 results and the City is below the AL for lead – current 90th = 13 ppb. All the copper results are below.

thanks,

Adam Rosenthal, EQA
MDEQ – Office of Drinking Water and Municipal Assistance
Lansing District – Constitution Hall 1SW
PO Box 30242
Lansing, MI 48909
517-284-6644
fax: 517-241-3571

For MORs, Lab Results & Reporting Forms:
DEQ-DWMA-Lansing@michigan.gov

Michael Glasgow <mglasgow@cityofflint.com> Jul 9
to Brent, Adam

Adam,

I just sent the last of the samples to the lab today. Unfortunately we did not reach 100 samples. I believe the count I have is 76 total. Since we have had a few more hits this round, we are going to continue to solicit samples for our own informational purposes. I am disappointed in the turnout of sampling, we distributed close to 200 sample bottles. With this monitoring violation will we be required to collect another round of 100 samples?

Also, I have attached a copy of our June bromate test results.

June 2015 Brom...

Rennaker, Joanne (DEQ)

From: Busch, Stephen (DEQ)
Sent: Thursday, September 10, 2015 8:10 AM
To: Benzie, Richard (DEQ)
Cc: Rosenthal, Adam (DEQ); Shekter Smith, Liane (DEQ)
Subject: RE: Flint Pb&Cu Results

I believe the determination was made not to redact as the address is only a single piece of information. "Collected By" information is not directly related to the collection address.

Stephen Busch, P.E.
MDEQ Lansing District Coordinator
Office of Drinking Water and Municipal Assistance
Lansing and Jackson District Supervisor
517-643-2314
buschs@michigan.gov

From: Benzie, Richard (DEQ)
Sent: Wednesday, September 09, 2015 5:21 PM
To: Poy, Thomas
Cc: Busch, Stephen (DEQ); Rosenthal, Adam (DEQ); Shekter Smith, Liane (DEQ)
Subject: RE: Flint Pb&Cu Results

I don't think the addresses were redacted. Almost 25 years ago, we received an Attorney General's opinion that was issued in response to a FOIA request from the media for lead results from Flint that said we could withhold the addresses. However, I believe we have since determined we do not have that authority.

But I will have to ask the Lansing district staff to weigh in on this matter. Steve and Adam, did we redact addresses for this FOIA?

From: Poy, Thomas [mailto:poy.thomas@epa.gov]
Sent: Wednesday, September 09, 2015 3:41 PM
To: Benzie, Richard (DEQ)
Subject: RE: Flint Pb&Cu Results

Richard: Thank you for the analytical results. Were the addresses redacted before sending to the ACLU in response to their FOIA? I'm not comfortable sending addresses out, even if it is to a Congressman, so we are going to tell Congressman Kildee that he needs to call MDEQ's Congressional Liaison to get the results.

Tom

Tom Poy
Chief, Ground Water and Drinking Water Branch
USEPA - Region 5
(312) 886-5991

From: Benzie, Richard (DEQ) [mailto:BENZIER@michigan.gov]
Sent: Wednesday, September 09, 2015 2:22 PM

To: Poy, Thomas
Cc: Rosenthal, Adam (DEQ); Prysby, Mike (DEQ); Busch, Stephen (DEQ); shekterl@michigan.gov
Subject: Flint Pb&Cu Results

Tom,

Here are the scanned analytical results from the latest round of compliance monitoring (January 1 – June 30, 2015) conducted in Flint. They were scanned for the purpose of responding to a Freedom of Information Act request.

I believe you already have a copy of the correspondence from our Lansing District Office notifying the city of Flint of the compliance determination that was based on these results.

If you need more information, contact Adam Rosenthal.

Richard

Richard Benzie, P.E., Chief
Field Operations Section
Office of Drinking Water and Municipal Assistance, MDEQ
517-284-6512

Rennaker, Joanne (DEQ)

From: Prysby, Mike (DEQ)
Sent: Friday, April 24, 2015 11:56 AM
To: Cook, Pat (DEQ)
Cc: Busch, Stephen (DEQ); Rosenthal, Adam (DEQ)
Subject: Re: Flint Corrosion Control?

Pat,
You are correct, I received a call from Miguel regarding his concerns with the lead/copper sampling procedure from lead services and how he believes it is skewing down the lead level results from sites with lead services. I briefed Steve on the call and we can discuss in more detail next Tues.

Sent from my iPhone

On Apr 24, 2015, at 11:16 AM, Cook, Pat (DEQ) <COOKP@michigan.gov> wrote:

> I agree. I'll forward this info to Miguel. However, don't be surprised if you get a call from him disagreeing with our position.
> Thank you all for the quick replies.
> pat
>
> **From:** Busch, Stephen (DEQ)
> **Sent:** Friday, April 24, 2015 10:54 AM
> **To:** Prysby, Mike (DEQ); Cook, Pat (DEQ)
> **Cc:** Rosenthal, Adam (DEQ)
> **Subject:** RE: Flint Corrosion Control?
> Based on the matrix of recommended corrosion control study components for Large PWS's for both Lead and Copper, there are no additional requirements for the City of Flint based on the levels of lead and copper in the current source water and the results of the lead and copper distribution monitoring.
> "The only provision of the Rule which classifies the existing treatment of large PWSs as optimized for corrosion control is when the difference between the 90% Pb-TAP and Pb-POE is less than the lead PQL for each six-month period of the initial monitoring program. By definition, the PQL for lead is 0.005 mg/L; and the lead value for the source water used in this determination is the highest source water lead concentration. If this condition is met, then no study or testing is required. However States may consider the presence of copper in tap samples when determining whether the existing treatment is optimized."
> I believe this condition has been met.
> Stephen Busch, P.E.
> Lansing and Jackson District Supervisor
> Office of Drinking Water and Municipal Assistance
> MDEQ
> 517-643-2314
>
> **From:** Prysby, Mike (DEQ)
> **Sent:** Friday, April 24, 2015 10:32 AM
> **To:** Cook, Pat (DEQ)
> **Cc:** Busch, Stephen (DEQ); Rosenthal, Adam (DEQ)
> **Subject:** RE: Flint Corrosion Control?
> Pat,

As we discussed, Flint is not practicing corrosion control treatment at the WTP. They are conducting lead & copper monitoring at 100 locations. WQ monitoring is also being conducted. The first round of samples after switch-over (July 1, 2014 – Dec 31, 2014) had 90th percentile results as follows: Lead: 6 ppb, Copper 110 ppb The second round of samples (Jan 1, 2015 – June 30, 2015) is underway with approx. 20 of the 100 sample site results in. The highest lead result out of the 20 received thus far is 13 ppb.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

From: Cook, Pat (DEQ)
Sent: Thursday, April 23, 2015 12:48 PM
To: Prysby, Mike (DEQ)
Subject: Flint Corrosion Control?

Hi Mike – I have a quick question for you: what is Flint doing now (post Detroit) for corrosion control treatment?
Pat

Rennaker, Joanne (DEQ)

From: Prysby, Mike (DEQ)
Sent: Tuesday, July 28, 2015 4:08 PM
To: Benzie, Richard (DEQ); Busch, Stephen (DEQ); Shekter Smith, Liane (DEQ); Wurfel, Brad (DEQ)
Cc: Rennaker, Joanne (DEQ); Rosenthal, Adam (DEQ); Cook, Pat (DEQ)
Subject: RE: City of Flint - Lead & Copper - FOIA Request

Richard,

I agree and the wording of Item #2 in the FOIA reads that way to me.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

From: Benzie, Richard (DEQ)
Sent: Tuesday, July 28, 2015 4:03 PM
To: Prysby, Mike (DEQ); Busch, Stephen (DEQ); Shekter Smith, Liane (DEQ); Wurfel, Brad (DEQ)
Cc: Rennaker, Joanne (DEQ); Rosenthal, Adam (DEQ); Cook, Pat (DEQ)
Subject: RE: City of Flint - Lead & Copper - FOIA Request

Mike,

When we discussed this matter earlier, I believed the request was limited to correspondence generated between January 1 and June 30, 2015, that met the conditions spelled out in their FOIA request. In reading your message below, I now suspect that they want any correspondence (with the designated entities) that is in regard to the lead and copper results from samples collected between January 1 and June 30, 2015, even if the correspondence was generated after that time frame. It appears to me the dates are bracketing the period of time for the lead and copper monitoring, not the time frame for correspondence regarding those results. So if we have correspondence with these entities (electronic or otherwise) dated this month (July 2015) that addresses results from samples collected in the first six months of 2015, we should provide them with a copy.

Richard

From: Prysby, Mike (DEQ)
Sent: Tuesday, July 28, 2015 3:17 PM
To: Benzie, Richard (DEQ); Busch, Stephen (DEQ); Shekter Smith, Liane (DEQ); Wurfel, Brad (DEQ)
Cc: Rennaker, Joanne (DEQ); Rosenthal, Adam (DEQ); Cook, Pat (DEQ)
Subject: City of Flint - Lead & Copper - FOIA Request

The LDO has received a FOIA request from the ACLU for information concerning lead and copper records from the city of Flint. Specific information being requested is in 2 main parts. First.. provide a copy of all documented (electronic and hard copy) records of individual lead/copper sample results conducted in the city of Flint from January 1, 2015 through June 30th. Second...provide a copy of all communications (including electronic) between DEQ staff

with any city official or employee, outside contractors or consultants, and any US EPA employee regarding lead/copper water tests conducted in the city of Flint from January 1, 2015 through June 30th, 2015.

The initial deadline was July 30, 2015; however, our request for a 10-day extension to August 13, 2015 was approved. I will work with Joanne and Adam on compiling the information pertaining to the sample results/locations and hard copies of written correspondence. Also all e-mails (not internal) will need to be compiled as part of meeting this FOIA request. Richard and I reviewed his record of "sent" and "received" emails in Outlook earlier today and we believe that most of them are accounted for, however, there may be additional PB/CU electronic communication sent from other staff...including me. Each one of you should check on this for verification. We will most likely need to meet early in the week of August 10th to be verify that all of the information has been compiled prior to sending out the requested information.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

Rennaker, Joanne (DEQ)

From: Prysby, Mike (DEQ)
Sent: Monday, August 31, 2015 10:45 AM
To: Rosenthal, Adam (DEQ)
Subject: FW: Urgent: Independent Flint Water Study

fyi

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

From: Wurfel, Brad (DEQ)
Sent: Monday, August 31, 2015 10:25 AM
To: Busch, Stephen (DEQ); Shekter Smith, Liane (DEQ); Wyant, Dan (DEQ); Prysby, Mike (DEQ)
Cc: Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Murray, David (GOV); Wurfel, Sara (GOV); Jessica Brown; Brown, Eric (GOV)
Subject: Fwd: Urgent: Independent Flint Water Study

Liane / Steve, can you look into this situation as a priority?

Everyone else -- just got this from the ACLU. Call me if you have questions / counsel.

Thanks.
b

Sent from my iPhone

Begin forwarded message:

> **From:** Curt Guyette <cguyette@aclumich.org>
> **Date:** August 31, 2015 at 10:18:34 AM EDT
> **To:** "wurfelb@michigan.gov" <wurfelb@michigan.gov>
> **Subject: Urgent: Independent Flint Water Study**
>
> Mr. Wurfel,
>
> Prof. Marc Edwards of Virginia Tech university has been leading a research project to conduct an independent study of lead in Flint's water. Working with a group of city residents, they have been collecting water samples from homes throughout the city. The study is still under way, but the results so far have been so disturbing that VT has begun posting results on the web in order to alert residents about how serious the problem may be.
>
> This is what VT is reporting:

Over the weekend we analyzed another 72 lead samples collected by Flint residents and mailed to VT. For the 120 samples analyzed to date, ***forty two percent were over 5 ppb,*** *which suggests a serious lead in water problem according to our experience and criteria. Twenty-three (20% of those collected) also exceeded 15 ppb lead, suggesting a serious lead in water problem.* ***That is, the Flint Citizen Science study to date, is finding results worse than the EPA standard which is applied to sampling "worst case" homes.*** *The highest lead sampled in first draw so far was 158 ppb, and the highest sample after 45 second flushing is 1051 ppb. Six of 120 homes sampled (5%), had over 15 ppb lead even after 2 minutes of continuous flushing.* ***The 90%'ile lead level in the Flint Water Study is currently 30 ppb, which is double the EPA standard applied to "worst case" homes, and in a range where water consumption has caused lead poisoning in children and adverse pregnancy outcomes.*** *Needless to say, these data are very worrisome.*

Here is the website containing the information.

I am writing about this for a story that will be posted tomorrow. If the city chooses to respond, I need to hear back from you by the end of the day today, Aug. 31.

Sincerely,

Curt Guyette

Rennaker, Joanne (DEQ)

From: Prysby, Mike (DEQ)
Sent: Tuesday, September 01, 2015 4:13 PM
To: Busch, Stephen (DEQ)
Subject: RE: Flint Lead

Will do.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

From: Busch, Stephen (DEQ)
Sent: Tuesday, September 01, 2015 4:12 PM
To: Prysby, Mike (DEQ)
Subject: Re: Flint Lead

Please ask brad to respond

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

Sent from my iPhone

On Sep 1, 2015, at 3:44 PM, Prysby, Mike (DEQ) <PRYSBYM@michigan.gov> wrote:

> Steve,
>
> Ron Fonger left me a voicemail concerning questions he has concerning the lead issue in Flint. Specifically, he is aware of the increased discussion of lead in Flint's drinking water and the home tests recently performed at residents request in corroboration with V Tech and concerned groups. Ron discussed this issue w. Mr. Kroft and has the impression that the DEQ has had discussions with the city about the lead issue; however, Mr. Kroft declined to discuss the issue any further. Mr. Fonger wishes to discuss with the DEQ as to what discussions the DEQ has had with the city concerning the lead issue. Our only discussion (written) that I am aware of...is our 90% PB/CU letter sent to the city and the need for the city to install optimal corrosion control. Should I return his call or pass this on to Brad?
>
> Michael Prysby, P.E.

District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

Rennaker, Joanne (DEQ)

From: Howard Croft <hcroft@cityofflint.com>
Sent: Wednesday, September 23, 2015 3:52 PM
To: Brent Wright; Dayne Walling; donna. cole; edwardsm; Gerald (Jed) Natzke; Howard Croft; James Henry; Jason Lorenz; jmikewright; JoAnne Herman; John O'Brien; Kirk Smith; larry.koehler@mcc.edu; Laura Sullivan; lytle.darrin@epa.gov; Michael Glasgow; Michael Wright; Mike Lane; Prysby, Mike (DEQ); Natasha Henderson; Norb Birchmeier; Pete Levine; Robert Bincsik; rosejo@msu.edu; Russell Hudson; Samir Matta; schock.michael@epa.gov; Sean Kammer; Warren Green; Busch, Stephen (DEQ)
Subject: Technical Advisory Meeting

Technical Advisory Team,

I am writing to inform everyone that we have scheduled the next Technical Advisory Committee meeting to be Wednesday October 7th, 2015 from 2:00 – 4:30 pm. We are extending invitations to Marc Edwards of Virginia Tech along with two lead experts from the EPA (Darren Lytle & Michael Schock) to become a part of the technical team and we are hopeful that they will all be present at the upcoming meeting.

At the meeting we will discuss an overview of the City water system, compliance with the Safe Drinking Water Act, lead concerns, corrosion control, water testing, public education, capital improvement plans, the KWA pipeline, and next steps.

I will forward a specific location and agenda in the near future but we are firmly committing to the time and date. As with previous meetings we look forward to this group having positive dialogue that will benefit the community.

Thank you,

--
Howard Croft
Public Works Director
City of Flint
1101 S. Saginaw Street
Flint, MI 48502
PH# 810.766.7135 Ext.2043
hcroft@cityofflint.com

From: Shekter Smith, Liane (DEQ)
Sent: Thursday, November 12, 2015 4:58 PM
To: Krisztian, George (DEQ);Kuhl, Richard (AG);Bettenhausen, Margaret (AG);Sygo, Jim (DEQ);Wurfel, Brad (DEQ);Pallone, Maggie (DEQ);Anderson, Madhu (DEQ);Wyant, Dan (DEQ)
Cc: Thelen, Mary Beth (DEQ);Shaler, Karen (DEQ);Devereaux, Tracy Jo (DEQ);Busch, Stephen (DEQ);Benzie, Richard (DEQ);Prysby, Mike (DEQ)
Subject: ATTORNEY-CLIENT PRIVILEGE - DRAFT Background
Attachments:

Attorney-Client Privilege

Importance: High

Attorney-Client Privilege

Liane

From: Shekter Smith, Liane (DEQ)
Sent: Saturday, November 14, 2015 2:46 PM
To: Kuhl, Richard (AG);Bettenhausen, Margaret (AG);Sygo, Jim (DEQ);Krisztian, George (DEQ);Pallone, Maggie (DEQ);Wurfel, Brad (DEQ);Tommasulo, Karen (DEQ);Anderson, Madhu (DEQ);Wyant, Dan (DEQ)
Cc: Devereaux, Tracy Jo (DEQ);Thelen, Mary Beth (DEQ);Shaler, Karen (DEQ);Benzie, Richard (DEQ);Prysby, Mike (DEQ);Busch, Stephen (DEQ);Philip, Kris (DEQ)
Subject: RE: Revised/updated DEQ Outline of Flint Drinking Water Issues for Flint Water Task Force - Attorney Client Privilege Work Product
Attachments:

Attorney-Client Privilege

Updated draft – dated November 14, 2015. Please review this draft instead. Thanks.

From: Shekter Smith, Liane (DEQ)
Sent: Friday, November 13, 2015 6:03 PM
To: Kuhl, Richard (AG); Bettenhausen, Margaret (AG); Sygo, Jim (DEQ); Krisztian, George (DEQ); Pallone, Maggie (DEQ); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Anderson, Madhu (DEQ); Wyant, Dan (DEQ)
Cc: Devereaux, Tracy Jo (DEQ); Thelen, Mary Beth (DEQ); Shaler, Karen (DEQ); Benzie, Richard (DEQ); Prysby, Mike (DEQ); Busch, Stephen (DEQ); Shekter Smith, Liane (DEQ)
Subject: Revised/updated DEQ Outline of Flint Drinking Water Issues for Flint Water Task Force - Attorney Client Privilege Work Product

Attorney-Client Privilege

Liane

From: Shekter Smith, Liane (DEQ)
Sent: Monday, November 16, 2015 7:48 AM
To: Kuhl, Richard (AG);Bettenhausen, Margaret (AG);Sygo, Jim (DEQ);Krisztian, George (DEQ);Pallone, Maggie (DEQ);Wurfel, Brad (DEQ);Tommasulo, Karen (DEQ);Anderson, Madhu (DEQ);Wyant, Dan (DEQ)
Cc: Devereaux, Tracy Jo (DEQ);Thelen, Mary Beth (DEQ);Shaler, Karen (DEQ);Benzie, Richard (DEQ);Prysby, Mike (DEQ);Busch, Stephen (DEQ);Philip, Kris (DEQ)
Subject: RE: Revised/updated DEQ Outline of Flint Drinking Water Issues for Flint Water Task Force - Attorney Client Privilege Work Product
Attachments:

Attorney-Client Privilege

If you haven't reviewed the document yet, attached is an updated draft incorporating Madhu's and George's comments (to the best of my ability).

From: Shekter Smith, Liane (DEQ)
Sent: Saturday, November 14, 2015 2:46 PM
To: Kuhl, Richard (AG); Bettenhausen, Margaret (AG); Sygo, Jim (DEQ); Krisztian, George (DEQ); Pallone, Maggie (DEQ); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Anderson, Madhu (DEQ); Wyant, Dan (DEQ)
Cc: Devereaux, Tracy Jo (DEQ); Thelen, Mary Beth (DEQ); Shaler, Karen (DEQ); Benzie, Richard (DEQ); Prysby, Mike (DEQ); Busch, Stephen (DEQ); Philip, Kris (DEQ)
Subject: RE: Revised/updated DEQ Outline of Flint Drinking Water Issues for Flint Water Task Force - Attorney Client Privilege Work Product

Updated draft – dated November 14, 2015. Please review this draft instead. Thanks.

From: Shekter Smith, Liane (DEQ)
Sent: Friday, November 13, 2015 6:03 PM
To: Kuhl, Richard (AG); Bettenhausen, Margaret (AG); Sygo, Jim (DEQ); Krisztian, George (DEQ); Pallone, Maggie (DEQ); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Anderson, Madhu (DEQ); Wyant, Dan (DEQ)
Cc: Devereaux, Tracy Jo (DEQ); Thelen, Mary Beth (DEQ); Shaler, Karen (DEQ); Benzie, Richard (DEQ); Prysby, Mike (DEQ); Busch, Stephen (DEQ); Shekter Smith, Liane (DEQ)
Subject: Revised/updated DEQ Outline of Flint Drinking Water Issues for Flint Water Task Force - Attorney Client Privilege Work Product

Attorney-Client Privilege

Liane

From: Holton, Jennifer (MDARD)
Sent: Tuesday, December 01, 2015 10:40 AM
To: Wurfel, Brad (DEQ)
Subject: FYI

http://www.mlive.com/news/flint/index.ssf/2015/11/water_authority_votes_former_v.html#incart_river_index

ICDs are part of our program areas.

From: Holton, Jennifer (MDARD)
Sent: Tuesday, December 01, 2015 11:21 AM
To: Wurfel, Brad (DEQ)
Subject: FW: Intercounty drain board

My apologies. I erred re: KWA being under our program area.

From: Gregg, Michael (MDARD)
Sent: Tuesday, December 01, 2015 11:20 AM
To: Holton, Jennifer (MDARD)
Cc: Harrington, Braden (MDARD); Blakely, Matthew (MDARD); Johnson, James (MDARD); Clover Adams, Jamie (MDARD); Wenk, Gordon (MDARD)
Subject: RE: Intercounty drain board

Thanks for sharing Jen. We know Greg Alexander well and I think he will do a good job of chairing this Board. Just to be clear, the Karegnondi Water Authority is not a procedure under the drain code and not an intercounty drain.

Regards, Mike

From: Holton, Jennifer (MDARD)
Sent: Tuesday, December 01, 2015 10:39 AM
To: Gregg, Michael (MDARD); Harrington, Braden (MDARD); Blakely, Matthew (MDARD); Johnson, James (MDARD); Clover Adams, Jamie (MDARD); Wenk, Gordon (MDARD)
Subject: Intercounty drain board

http://www.mlive.com/news/flint/index.ssf/2015/11/water_authority_votes_former_v.html#incart_river_index

From: Olszewski, Rosemarie (DEQ)
Sent: Tuesday, December 22, 2015 2:45 PM
To: Wurfel, Brad (DEQ)
Cc: Feuerstein, Heather (DEQ)
Subject: Call Ronnie Duncan from TV5 Saginaw 989-245-9218 RE: Recent report/comments from Marc Edwards

Importance: High

Please call Ronnie Duncan from TV5 Saginaw regarding the recent report/comments from Marc Edwards.

Ronnie just interviewed DHHS on this story. He is in Lansing and would like to interview someone here today.

Ronnie can be reached at 989-245-9218.

Rosemarie
Rosemarie Olszewski
General Office Assistant - Executive Division
Michigan Department of Environmental Quality
Constitution Hall, 525 W. Allegan St.
6th Floor South Tower, Pillar P6
Telephone: 517-284-6700
Fax: 517-241-7401

From: ruthwshoe@aol.com
Sent: Wednesday, December 30, 2015 1:42 PM
To: Wurfel, Brad (DEQ)
Subject: resignation

Mr. Wurfel,

As I read your statements today in the newspaper, your caring for the citizens of Flint and how that just didn't come through in your communications, I have to wonder what you were thinking. Your rudeness and arrogance towards citizens and experts was truly astounding. Given your words and demeanor, why would anyone think you care about the people of Flint or for that matter the citizens of Michigan? I am glad you have resigned as I don't think you had the welfare of the citizens as your top priority. I hope you take with you to your next job, whatever it might be, a new respect, compassion and understanding for people. I hope you have learned to listen attentively to what others say and have empathy for their plight - that our goal as humans is to help others in need not dismiss them and malign them. I hope you have grown as a person and realize we are all in this together.

Sincerely,

Ruth Wilson

Message

From: Clampitt, Christopher (DEQ) [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EE5A67D0377F4D058638228DA5895D07-CLAMPITT CHRISTOPHER]
Sent: 12/6/2013 6:05:55 PM
To: McClellan, Michael (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=4a4176ac30944a1da7847953aec898dc-McClellan Michael_864e42fd75]
CC: Wurfel, Brad (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fe4c6f6a36cd400aaebd429a6108fdc2-Wurfel Brad]; Vanderlaan, Mary (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=4a0cd465b1494122b9533dcd64b21088-Vanderlaan Mary]; Bartley, Cheryl (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a140b3bc87494a0384a5cbec80372fab-Bartley Cheryl]
Subject: RE: 2014 Communications planning: NEED YOUR HELP

Michael,

Two notes on the second page.

1. The item labeled "Brent Run Landfill" should be labeled "Richfield Landfill." Also, several staff from WRD worked with OWMRP staff to successfully resolve soil erosion issues that affected a created wetland at this site.

2. Karegnondi Water Authority. Although construction of the water intake structure was permitted under Part 325 by our colleagues in Bay City, the Lansing District is taking the lead on reviewing the Part 301/303/31 (floodplains) permit for the pump stations and raw water main across all 4 counties. The project includes 80 miles of pipe crossing 55 waterways and 50 wetlands. Several pre-application meetings were held, which allowed WRD staff to quickly complete the Public Notice for this project and schedule the four Public Hearings requested by the applicant.

Chris

Christopher Clampitt

DEQ-WRD

517-243-6956

From: McClellan, Michael (DEQ)
Sent: Friday, December 06, 2013 12:30 PM
To: Wurfel, Brad (DEQ)
Cc: DEQ-Lansing District
Subject: RE: 2014 Communications planning: NEED YOUR HELP

Brad,

Here is a quick and dirty list of some of the 2013 Lansing District Accomplishments.

Probably more than you need but let me know if you need more or more information.

Michael F. McClellan

Lansing District Coordinator

Lansing District Air Quality Supervisor

525 W. Allegan

Lansing, MI 48909

Phone: 517-284-6637

From: Wurfel, Brad (DEQ)
Sent: Monday, November 25, 2013 5:30 PM
To: Creal, William (DEQ); Fish, Kim (DEQ); Erickson, Susan (DEQ); Wagner, Robert (DEQ); Browne, Elizabeth (DEQ); Shekter Smith, Liane (DEQ); Allan, Jon (DEQ); Fitch, Hal (DEQ); Feighner, Bryce (DEQ); Hellwig, Vince (DEQ); Fiedler, Lynn (DEQ); Kasprzak, Jim (DEQ); Epkey, Amy (DEQ)
Cc: Sellers, Fred (DEQ); Hollenbach, Heidi (DEQ); Roycraft, Phil (DEQ); Hare, Chris (DEQ); Hartz, Andrew (DEQ); Ethridge, Christopher (DEQ); Adelman, Mitch (DEQ); McClellan, Michael (DEQ); Casey, Steve (DEQ); Sweeney, Brian (DEQ); Thelen, Mary Beth (DEQ); Feuerstein, Heather (DEQ); Wyant, Dan (DEQ)
Subject: 2014 Communications planning: NEED YOUR HELP
Importance: High

Greetings, all. We're moving toward a great 2014, where we will be doing more strategic communication and impactful storytelling.

As we prepare the departmental communications plan, I need your input. The Director has tasked me with collecting 2013 Accomplishments from each of the divisions and districts.

I don't need a book. Half a dozen of your top accomplishments on the year would be very helpful. One liner with a few sentences.

I need these by Dec. 6, in preparation for an off-site planning meeting Dec. 9.

If you have questions, please get in touch with me directly. THANK YOU, and happy holidays.

Brad Wurfel

Communications Director

Michigan Department of Environmental Quality

PLEASE NOTE NEW DESK PHONE:

517-284-6713 – office

PPI - cell

From: Wurfel, Brad (DEQ)
Sent: Friday, October 02, 2015 10:50 PM
To: Wyant, Dan (DEQ)
Subject: Fwd: Response?

Sent from my iPhone

Begin forwarded message:

> **From:** Dave Bondy <dbondy@sbgtv.com>
> **Date:** October 2, 2015 at 4:36:44 PM EDT
> **To:** "wurfelb@michigan.gov" <wurfelb@michigan.gov>
> **Subject: Response?**
>
> Marc Edwards from VA tech just said this, do you have a response?
>
> "well anyone who has followed this story from the start realizes that the state has zero credibility, they created this problem, they have taken steps to cover it up and im not hearing any signs that they are admitting their mistakes and giving people straight answers"
>
> Dave Bondy
> FOX 66

From: Jessica Brown
Sent: Tuesday, September 08, 2015 1:57 PM
To: Wurfel, Brad (DEQ)
Subject: Fwd: VT water study
Attachments: IMG_3927.PNG; IMG_3928.PNG; IMG_3929.PNG; IMG_3930.PNG; IMG_3931.PNG; IMG_3932.PNG; IMG_3933.PNG; IMG_3934.PNG; IMG_3935.PNG; IMG_3936.PNG; IMG_3937.PNG

Brad - Hope these can be helpful. They overlap a tad but tried to condense them as much as possible. They should be attached in order of the article.

JB

---------- Forwarded message ----------
From: **Jessica Brown**
Date: Tue, Sep 8, 2015 at 1:55 PM
Subject: VT water study
To:

--
Jessica Mary Brown
Michigan State University
Journalism/Political Science/Public Relations

●●●●○ Verizon LTE 1:51 PM
flintwaterstudy.org

Our sampling of 252 homes demonstrates a high lead in water risk: Flint should be failing to meet the EPA Lead and Copper Rule

September 8, 2015 Articles, Research Updates epa lead and copper rule, flint water, lead, lead filter, lead in water, mdeq, public health concern

Over the weekend, we analyzed all samples shipped to Virginia Tech from Flint to date. Flint residents have already returned an **astonishing 84%** of the sample kits we sent out (252 out of 300 samples). We will continue to analyze water samples as they are returned. However, mathematically, even if the remaining 48 samples returned have non-detectable lead, our conclusion will not change — **FLINT HAS A VERY SERIOUS LEAD IN WATER PROBLEM.**

Forty percent (40.1%) of the

Forty percent (40.1%) of the first draw samples are over 5 parts per billion (ppb). That is, 101 out of 252 water samples from Flint homes had first draw lead more than 5 ppb. Even more worrisome, given that we could not target "worst case" homes with lead plumbing that are required for EPA sampling, **Flint's 90%'ile lead value is 25 ppb in our survey. This is over the EPA allowed level of 15 ppb that is applied to high risk homes.** This is a serious concern indeed. **Several samples exceeded 100 ppb, and one**

This is a serious concern indeed. **Several samples exceeded 100 ppb, and one sample collected after 45 seconds of flushing exceeded 1000 ppb.**

We now advise Flint consumers to heed EPA information that advises consumers on how to avoid adverse health effects from exposure to excessive lead in drinking water. The main concern is related to water used for drinking or cooking. With the exception of one home that we sampled which had astronomical levels of lead, the levels of lead

lead in drinking water. The main concern is related to water used for drinking or cooking. With the exception of one home that we sampled which had astronomical levels of lead, the levels of lead detected in Flint were safe for bathing, showering, toilet flushing and watering lawns/gardens.

Until further notice, **we recommend that Flint tap water only be used for cooking or drinking if one of the following steps are implemented:**

- Treat Flint tap water with a filter certified to remove lead (look for certification by the National Sanitation Foundation (NSF) that it removed lead on the label), or
- Flush your lines continuously at the kitchen tap, for 5 minutes at a high flow rate (i.e. open your faucet all the way), to clean most of the lead out of your pipes and the lead service line, before collecting a volume of water for cooking or drinking. Please note that the water needs to be

●●●○○ Verizon LTE 1:52 PM
flintwaterstudy.org

drinking. Please note that the water needs to be flushed 5 minutes every time before you collect water for cooking or drinking. For convenience, you can store water in the refrigerator in containers, to reduce the need to wait for potable water each time you need it.

We do not issue this warning lightly, and note that our concern is based on several lines of evidence. First, scientifically, we ***predicted*** based on past research that the Flint River water chemistry

We do not issue this warning lightly, and note that our concern is based on several lines of evidence. First, scientifically, we ***predicted*** based on past research that the Flint River water chemistry would create a serious lead in water problem. Second, ***we confirmed the very high corrosivity of the Flint River water for lead in our laboratory testing at Virginia Tech.*** Third, for some reason that no one has yet explained to us, ***the Flint River water*** *was introduced* ***into the pipe distribution system without any measures (or even a plan) to***

●●●○○ Verizon LTE 1:52 PM
flintwaterstudy.org

distribution system without any measures (or even a plan) to reduce its corrosivity. We are therefore very perplexed by recent MDEQ assertions that the situation in Flint is normal. Finally, we have the results of our survey of 252 homes conducted with the assistance of Flint consumers. Because of the very serious and permanent health damage that arises from lead exposure, we feel that this problem **requires immediate public health warnings and intervention– we provide that for Flint consumers in this report.**

Another mystery that must be examined very carefully in the days and weeks ahead: **How is it possible, that Flint "passed" the official EPA Lead and Copper Rule sampling overseen by MDEQ?** In our experience, following the EPA site selection criteria targeting homes with the highest risk for lead, the MDEQ sampling should have found much worse results than our sampling. Instead, MDEQ is asserting that the lead levels in Flint are much lower. Hence, we call on the U.S. EPA and others, to conduct a detailed audit of the 2014 and 2015 LCR

audit of the 2014 and 2015 LCR sampling round overseen by MDEQ in Flint, to determine if it was conducted consistent with requirements of the law.

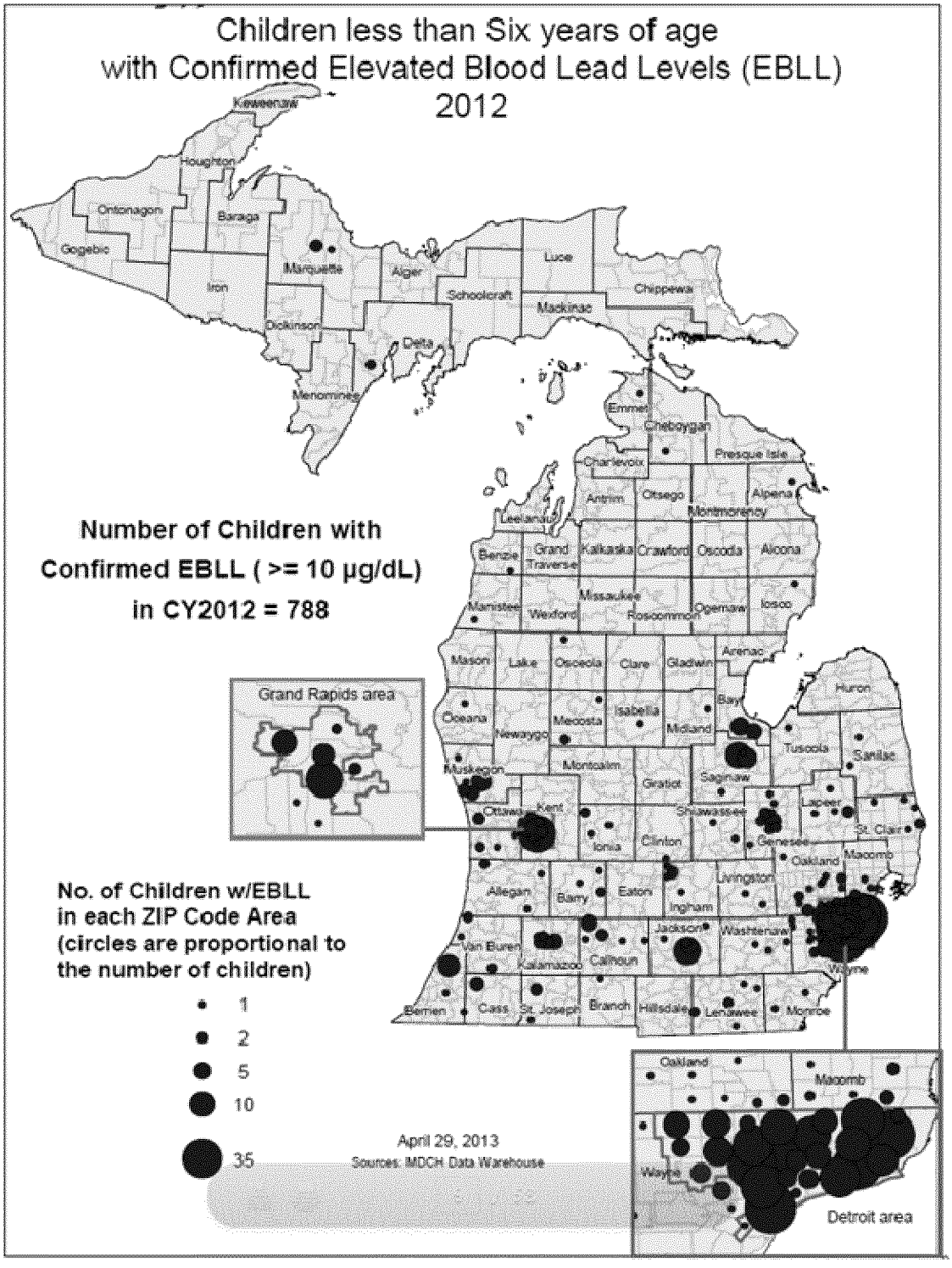
Primary Author: Dr. Marc Edwards

Samples Analysis: Dr. Jeffrey Parks, Anurag Mantha

Acknowledgements:
Siddhartha Roy

Leave a comment

From: Wurfel, Brad (DEQ)
Sent: Monday, September 28, 2015 5:43 PM
To: Eggert, David (DEggert@ap.org)
Subject: Document3
Attachments: Document3.docx


Children less than Six years of age
with Confirmed Elevated Blood Lead Levels (EBLL)
2012
Keweenaw
Houghton
Ontonagon
Baraga
Gogebic
Marquette
Alger
Luce
Iron
Schoolcraft
Chippewa
Mackinac
Dickinson
Delta
Menominee
Emmet
Cheboygan
Charlevoix
Presque Isle
Antrim
Otsego
Alpena
Montmorency
Leelanau
Benzie
Grand Traverse
Kalkaska
Crawford
Oscoda
Alcona
Manistee
Wexford
Missaukee
Roscommon
Ogemaw
Iosco
Mason
Lake
Osceola
Clare
Gladwin
Arenac
Oceana
Newaygo
Mecosta
Isabella
Midland
Bay
Huron
Tuscola
Sanilac
Muskegon
Montcalm
Gratiot
Saginaw
Ottawa
Kent
Shiawassee
Lapeer
Ionia
Clinton
Genesee
St. Clair
Oakland
Macomb
Allegan
Barry
Eaton
Ingham
Livingston
Jackson
Washtenaw
Van Buren
Kalamazoo
Calhoun
Wayne
Berrien
Cass
St. Joseph
Branch
Hillsdale
Lenawee
Monroe
Grand Rapids area
Number of Children with
Confirmed EBLL (>= 10 µg/dL)
in CY2012 = 788
No. of Children w/EBLL
in each ZIP Code Area
(circles are proportional to
the number of children)
1
2
5
10
35
April 29, 2013
Sources: MDCH Data Warehouse
Oakland
Macomb
Wayne
Detroit area

From: Prysby, Mike (DEQ)
Sent: Thursday, October 15, 2015 9:19 AM
To: Krisztian, George (DEQ)
Subject: Preliminary & Deliberative: Not Subject to FOIA: Flint visit

George,
I did not see my name on the attendee list for tomorrow's 10am meeting in Flint. I just wanted to confirm this. I will also need to confirm when you intend to visit the Water Treatment Plant as I should participate in that visit.

Sent from my iPhone

From: Groetsch, Kory J. (DHHS)
Sent: Friday, October 30, 2015 11:37 AM
To: Shekter Smith, Liane (DEQ);Busch, Stephen (DEQ)
Cc: Dykema, Linda D. (DHHS);Krisztian, George (DEQ);Bruneau, Michelle (DHHS)
Subject: Preliminary and Delibrative - not subject to FOIA - Infographic

Hi Liane and Steve,

Here is the infographic that we mentioned on Tuesday. This infographic has some information about adult exposure and putting it into a risk context.

http://www.michigan.gov/documents/deq/deq-flint-water-2015-10-21_-_Lead_and_your_Body_-_Flint_-_no_background_504124_7.pdf?20151030113128

Do you think this infographic will answer the questions you have been getting about adult exposure? Do you think a factsheet with more detail about adult risk is needed?

Thank you,
Kory Groetsch, MS , Manager
Toxicology and Response Section
Michigan Dept of Health and Human Services (MDHHS)
201 Townsend St.
Lansing, MI 48913
517-335-9935
groetschk@michigan.gov

Confidentiality Notice: This message, including any attachments, is intended solely for the use of the above named recipient(s) and may contain confidential and/or privileged information. Any unauthorized review, use, disclosure, or distribution of any confidential and/or privileged information contained in this e-mail is expressly prohibited. If you are not the intended recipient, please contact the sender by reply e-mail and destroy any and all copies of the original message.

From: Graham, Lois (DEQ)
Sent: Tuesday, November 03, 2015 2:16 PM
To: Prysby, Mike (DEQ);Busch, Stephen (DEQ);Krisztian, George (DEQ)
Subject: FW: DEQ-Laboratory Report-Genesee-2015-10-30
Attachments: GENESEE-2015-10-30.PDF

Page 21 see 0.131 mg/L lead; copper 0.55 mg/L

-----Original Message-----
From: DEQ-DWR-LABREPORTS
Sent: Friday, October 30, 2015 8:57 AM
To: GCHD-EHWATER@GCHD.US; Graham, Lois (DEQ); DEQ-DWMA-Lansing
Subject: DEQ-Laboratory Report-Genesee-2015-10-30

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89162

Official Laboratory Report

Report To: TERRY CHITTLE
2414 N HENDERSON RD
DAVISON MI 48423

System Name/Owner:	TERRY CHITTLE	WSSN/Pool ID:	
Collection Address:	2414 N HENDERSON RD,DAVISON	Source:	Single Family Dwelling
Collected By:	TERRY CHITTLE	Site Code:	
Township/Well#/Section:	DAVISON//	Collector:	Private Citizen
County:	Genesee	Date Collected:	10/26/2015 19:00
Sample Point:	BATH SINK	Date Received:	10/28/2015 07:45
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**10/28/2015**			**SM 9223 B**	**TC-00-B**

Sample was more than 30 hours old when analyzed. Coliform result is possibly invalid for testing done more than 30 hours after sample collection.

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89184

Official Laboratory Report

Report To: TERRY CHITTLE
2414 N HENDERSON RD
DAVISON MI 48423

System Name/Owner:	TERRY CHITTLE	WSSN/Pool ID:		
Collection Address:	2414 N HENDERSON RD,DAVISON	Source:	Single Family Dwelling	
Collected By:	TERRY CHITTLE	Site Code:		
Township/Well#/Section:	DAVISON//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/26/2015	18:20
Sample Point:	BATH SINK	Date Received:	10/28/2015	07:46
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	0.042	10/29/2015	0.002	0.010	EPA 200.8	7440-38-2

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89213

Official Laboratory Report

Report To: CITY OF DAVISON
200 E FLINT ST
DAVISON MI 48423

System Name/Owner:	CITY OF DAVISON	WSSN/Pool ID:	1720
Collection Address:	400 S DAYTON,DAVISON	Source:	TYPE I
Collected By:	STEVE DAVIS	Site Code:	D
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	10/27/2015 08:00
Sample Point:	KITCHEN	Date Received:	10/28/2015 08:25
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**10/28/2015**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89214

Official Laboratory Report

Report To: CITY OF DAVISON
200 E FLINT ST
DAVISON MI 48423

System Name/Owner:	CITY OF DAVISON	WSSN/Pool ID:	1720
Collection Address:	DAVISON WATER TREATMENT PLANT,DA\	Source:	TYPE I
Collected By:	STEVE DAVIS	Site Code:	TP001
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	10/27/2015 08:30
Sample Point:	PLANT TAP	Date Received:	10/28/2015 08:25
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**10/28/2015**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89215

Official Laboratory Report

Report To: CITY OF DAVISON
200 E FLINT ST
DAVISON MI 48423

System Name/Owner:	CITY OF DAVISON	WSSN/Pool ID:	1720
Collection Address:	126 N MAIN ST,DAVISON	Source:	TYPE I
Collected By:	STEVE DAVIS	Site Code:	D
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	10/27/2015 07:30
Sample Point:	KITCHEN	Date Received:	10/28/2015 08:25
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**10/28/2015**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89216

Official Laboratory Report

Report To: CITY OF DAVISON
200 E FLINT ST
DAVISON MI 48423

System Name/Owner:	CITY OF DAVISON	WSSN/Pool ID:	1720
Collection Address:	WELL #3,DAVISON	Source:	TYPE I
Collected By:	STEVE DAVIS	Site Code:	D
Township/Well#/Section:	/3/	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	10/27/2015 09:00
Sample Point:	WELL TAP	Date Received:	10/28/2015 08:25
Water System:	Public System Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**10/28/2015**			**SM 9223 B**	**TC-00-B**

Explanation of Coliform Results:
Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88749

Official Laboratory Report

Report To: FLINT ELKS 222
7177 E MAPLE RD
GRAND BLANC MI 48439

System Name/Owner:	FLINT ELKS 222	WSSN/Pool ID:	
Collection Address:	7177 E MAPLE RD,GRAND BLANC	Source:	TYPE II
Collected By:	STEPHEN ROSE	Site Code:	SETTLING TANK VESSELS 2 & 3
Township/Well#/Section:	DAVISON//31	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	10/22/2015 10:15
Sample Point:	BACKWASH VESSELS 2 & 3	Date Received:	10/24/2015 09:22
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	0.039	10/27/2015	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89227

Official Laboratory Report

Report To: TERESA WOOD
5335 BURWICK
GRAND BLANC MI 48439

System Name/Owner:	TERESA WOOD	WSSN/Pool ID:		
Collection Address:	5335 BURWICK,GRAND BLANC	Source:	Single Family Dwelling	
Collected By:	TERESA WOOD	Site Code:		
Township/Well#/Section:	ATLAS//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/27/2015	15:10
Sample Point:	UPSTAIR BATH SINK	Date Received:	10/28/2015	08:36
Water System:	Treated/Softened Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Coliform Organisms per 100 mL	**Not Detected**	**10/28/2015**			**SM 9223 B**	**TC-00-B**
Explanation of Coliform Results:	Not Detected = Coliform and E. coli bacteria were not found Positive = Total Coliform was found and E. coli bacteria was not found EC Positive = Coliform and E. Coli bacteria were found					
Arsenic	0.045	10/29/2015	0.002	0.010	EPA 200.8	7440-38-2
Chloride	69	10/28/2015	4		SM 4500-Cl E	7647-14-5
Fluoride	0.60	10/28/2015	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	Not detected	10/28/2015	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	10/28/2015	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	10/28/2015	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	10/28/2015	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	170	10/28/2015	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	10/28/2015	10		SM 4500 SO4E	14808-79-8

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89250

Official Laboratory Report

Report To: AMIEE ARMSTRONG
6404 WAGNER AVE
GRAND BLANC MI 48439

System Name/Owner:	AMIEE ARMSTRONG	WSSN/Pool ID:		
Collection Address:	6404 WAGNER AVE,GRAND BLANC	Source:	Single Family Dwelling	
Collected By:	AMIEE ARMSTRONG	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/27/2015	12:15
Sample Point:	KITCHEN	Date Received:	10/28/2015	08:43
Water System:	Untreated Private Well	Purpose:	Routine Monitoring	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	Not detected	10/29/2015	0.002	0.010	EPA 200.8	7440-38-2

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88949

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:		WSSN/Pool ID:	2310
Collection Address:	2413 WINONA ST,FLINT	Source:	Single Family Dwelling
Collected By:	SUZAN EARLY	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	10/23/2015 08:00
Sample Point:	KITCHEN	Date Received:	10/26/2015 15:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88950

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:		
Collection Address:	3813 CHEROKEE AVE #1,FLINT	Source:	Other	
Collected By:	FAUN BULLEN	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/26/2015	11:15
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88951

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	225 W COURT ST #1,FLINT	Source:	Single Family Dwelling	
Collected By:	A PAUL WALLING	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/23/2015	15:30
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88952

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1549 E ATHERTON RD,FLINT	Source:	Single Family Dwelling	
Collected By:	KERRY MASON	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/20/2015	05:00
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88953

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:		
Collection Address:	4025 PENGELLY RD APT #10,FLINT	Source:	Other	
Collected By:	CLARENCE D ELLISON	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/20/2015	07:41
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88954

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	225 W COURT ST #2,FLINT	Source:	Single Family Dwelling	
Collected By:	A PAUL WALLING	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/23/2015	15:30
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.036	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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Sample Number
LF88955

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	829 WELLINGTON AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	ADAM-CHRISTINA MURPHY	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/26/2015	07:00
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88956

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:		
Collection Address:	3709 CLAIRMONT ST,FLINT	Source:	Other	
Collected By:	DAN CARROLL	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/17/2015	06:00
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88957

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	3901 CHEROKEE AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	BARBARA COX	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/19/2015	08:30
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88958

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	726 STOCKTON ST,FLINT	Source:	Single Family Dwelling	
Collected By:	KIMBERLY SKELLETT	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/23/2015	07:30
Sample Point:		Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88959

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:		
Collection Address:	801 STOCKTON ST,FLINT	Source:	Other	
Collected By:	GERALDINE ESTEP	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/23/2015	08:00
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88960

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	829 E WELLINGTON AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	ADAM-CHRISTINA MURPHY	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/26/2015	07:10
Sample Point:	BACK SPICKET	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.55	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.131	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88961

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1006 BEARD ST,FLINT	Source:	Single Family Dwelling	
Collected By:	MICHAEL A WILLIAMS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/03/2015	08:00
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

Sample Comment **LF88961** **Sample had exceeded EPA holding time for this analysis when received in the laboratory.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88962

Official Laboratory Report

Report To: MICHAEL GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	3746 RICHFIELD RD,FLINT	Source:	Single Family Dwelling	
Collected By:	ERICK HEMPEL	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/14/2015	07:00
Sample Point:	BATHROOM	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
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CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88963

Official Laboratory Report

Report To: MICHAEL GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1421 UNIVERSITY AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	CAMERON STEWART	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/06/2015	15:45
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

Sample Comment **LF88963** **Sample had exceeded EPA holding time for this analysis when received in the laboratory.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88964

Official Laboratory Report

Report To: MICHAEL GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1302 FLUSHING RD,FLINT	Source:	Single Family Dwelling	
Collected By:	CHRIS BURROWS	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/22/2015	17:00
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88965

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	225 W COURT ST #3,FLINT	Source:	Single Family Dwelling	
Collected By:	A PAUL WALLING	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/23/2015	15:30
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88966

Official Laboratory Report

Report To: MICHAEL GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	620 E TAYLOR ST,FLINT	Source:	Single Family Dwelling	
Collected By:	TAMMARA-ARNETTE CALLAWAY	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/20/2015	06:37
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88967

Official Laboratory Report

Report To: MICHAEL GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	3623 NORWOOD DR,FLINT	Source:	Single Family Dwelling	
Collected By:	SUSAN SULLIVAN	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/21/2015	07:25
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88968

Official Laboratory Report

Report To: MICHAEL GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	3815 OGEMA AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	REBECCA ROBERTSON	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/16/2015	17:45
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.41	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88969

Official Laboratory Report

Report To: MICHAEL GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	3220 DUPONT ST,FLINT	Source:	Single Family Dwelling	
Collected By:	ANNIE MCDANIEL	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/20/2015	11:00
Sample Point:	BATHROOM	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88970

Official Laboratory Report

Report To: MICHAEL GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	1421 UNIVERSITY AVE,FLINT	Source:	Single Family Dwelling	
Collected By:	CAMERON STEWART	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/09/2015	06:30
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

Sample Comment **LF88970** **Sample had exceeded EPA holding time for this analysis when received in the laboratory.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF88971

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	502 CRAPO ST,FLINT	Source:	Other	
Collected By:	EDWIN D CUSTER	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	08/21/2015	07:00
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

Sample Comment **LF88971** **Sample had exceeded EPA holding time for this analysis when received in the laboratory.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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810 257-3603

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88972

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:		
Collection Address:	555 COPEMAN BLVD,FLINT	Source:	Other	
Collected By:	ELLANE RAJI	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/20/2015	04:25
Sample Point:	BATHROOM	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88973

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:		
Collection Address:	3813 CHEROKEE AVE #2,FLINT	Source:	Other	
Collected By:	FAUN BULLEN	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/26/2015	11:15
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88974

Official Laboratory Report

Report To: MICHAEL GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	2400 BAGLEY ST,FLINT	Source:	Single Family Dwelling	
Collected By:	CAROLYN J SECORD	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/20/2015	07:45
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88975

Official Laboratory Report

Report To: MICHAEL GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310	
Collection Address:	3713 KENT ST,FLINT	Source:	Single Family Dwelling	
Collected By:	BILLIE LINDO	Site Code:		
Township/Well#/Section:	//	Collector:	Private Citizen	
County:	Genesee	Date Collected:	10/20/2015	09:30
Sample Point:	KITCHEN	Date Received:	10/26/2015	15:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	10/27/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/27/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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MCL : Maximum Contaminant Level
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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: Shekter Smith, Liane (DEQ)
Sent: Friday, November 06, 2015 4:30 PM
To: Kuhl, Richard (AG);Sygo, Jim (DEQ);Anderson, Madhu (DEQ);Pallone, Maggie (DEQ);Krisztian, George (DEQ);Bettenhausen, Margaret (AG)
Cc: Busch, Stephen (DEQ);Prysby, Mike (DEQ);Benzie, Richard (DEQ);Devereaux, Tracy Jo (DEQ);Shaler, Karen (DEQ);Thelen, Mary Beth (DEQ)
Subject: Attorney-Client Privilege Work Product
Attachments: Attorney-Client Privilege

Attorney-Client Privilege

Message

From: Shekter Smith, Liane (DEQ) [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=F8157EFAAFD2404899C8AD3A4197C53A-SHEKTER SMITH LIANE]
Sent: 11/19/2015 1:51:10 PM
To: Krisztian, George (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=79d80adc1ca84f54ad3b8b7ab8363bcd-Krisztian George]; Devereaux, Tracy Jo (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=88a44115bb014482a134be872d676fc7-Devereaux Tracy Jo]
CC: Busch, Stephen (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd27547c9c1a403a86507dc7f5702eba-Busch Stephen]
Subject: RE: Eisenhower Elementary School

I think this addressed since the recommendation is to replace the faucet. Cleaning is only suggested if they don't replace the faucet.

From: Krisztian, George (DEQ)
Sent: Thursday, November 19, 2015 8:49 AM
To: Devereaux, Tracy Jo (DEQ); Shekter Smith, Liane (DEQ)
Cc: Busch, Stephen (DEQ)
Subject: RE: Eisenhower Elementary School

I think we will need to discuss this. If we suggest cleaning we should indicate follow up testing. Many of the faucets that I saw clearly were of an age that the brass was likely 8% (or perhaps even more) of lead.

George L. Krisztian

Flint Action Plan Coordinator

Laboratory Director

Michigan Department of Environmental Quality

Desk ph (517) 284-6719

Cell ph PPI

From: Devereaux, Tracy Jo (DEQ)
Sent: Thursday, November 19, 2015 8:40 AM
To: Krisztian, George (DEQ)
Cc: Busch, Stephen (DEQ)
Subject: Eisenhower Elementary School

Attached is the Eisenhower report with suggested edits (using track changes) by Liane. Please pay close attention to the entered comment as that change is suggested to be applied to several paragraphs throughout the document. I already went through and accepted the changes I made (mostly cleanup work) so this should be easy to look at quickly.

From: Busch, Stephen (DEQ)
Sent: Friday, November 20, 2015 3:11 PM
To: Devereaux, Tracy Jo (DEQ);Sygo, Jim (DEQ);Shekter Smith, Liane (DEQ);Prysby, Mike (DEQ);Krisztian, George (DEQ)
Cc: Shaler, Karen (DEQ)
Subject: RE: Placeholder: EPA Task Force/Flint

I have no problem accepting this appointment, but we will need to figure out if Dana or someone else can conduct the school plumbing assessment in my stead.

Stephen Busch, P.E.
MDEQ Lansing District Coordinator
Office of Drinking Water and Municipal Assistance
Lansing and Jackson District Supervisor
517-643-2314
buschs@michigan.gov

-----Original Appointment-----
From: Devereaux, Tracy Jo (DEQ)
Sent: Friday, November 20, 2015 2:58 PM
To: Sygo, Jim (DEQ); Shekter Smith, Liane (DEQ); Prysby, Mike (DEQ); Busch, Stephen (DEQ); Krisztian, George (DEQ)
Cc: Shaler, Karen (DEQ)
Subject: Placeholder: EPA Task Force/Flint
When: Friday, December 11, 2015 8:00 AM-5:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Flint

Hold on calendars per Jim Sygo's November 20th e-mail

Message

From: Natasha Henderson [nhenderson@cityofflint.com]
Sent: 12/11/2015 9:54:09 PM
To: Krisztian, George (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=79d80adc1ca84f54ad3b8b7ab8363bcd-Krisztian George]
Subject: RE: PSI Lead testing

Ok-I'll get that to you Monday!

Have a good weekend!

Thanks,

Natasha L. Henderson, City Administrator
1101 S. Saginaw St.
Flint, MI
Email: nhenderson@cityofflint.com
Phone: (810) 237-2057
www.cityofflint.com

On Dec 11, 2015 3:34 PM, "Krisztian, George (DEQ)" <krisztiang@michigan.gov> wrote:

All I need is the name of the lab so that I can verify that it is certified in the State of Michigan.

Thank you!

George

George L. Krisztian

Flint Action Plan Coordinator

Laboratory Director

Michigan Department of Environmental Quality

Desk ph (517) 284-6719

Cell ph PPI

From: Natasha Henderson [mailto:nhenderson@cityofflint.com]
Sent: Friday, December 11, 2015 3:25 PM

To: Krisztian, George (DEQ)
Cc: Wyant, Dan (DEQ); Sygo, Jim (DEQ)
Subject: Re: PSI Lead testing

PSI will be utilizing DEQ certified labs for the test. I will have further discussion with PSI as well. Would you like to speak with the Contract Manager or view the contract?

Thanks,

Natasha L. Henderson, City Administrator
1101 S. Saginaw St.
Flint, MI
Email: nhenderson@cityofflint.com
Phone: (810) 237-2057
www.cityofflint.com

On Dec 11, 2015 3:12 PM, "Krisztian, George (DEQ)" <krisztiang@michigan.gov> wrote:

Hi Natasha,

Please see the following link:

http://www.mlive.com/news/flint/index.ssf/2015/12/flint_will_pay_for_independent.html#incart_river_index

I support the city's desire to utilize an outside party to identify lead service lines and to conduct testing. There is however an issue that I want to bring to your attention. I do not show PSI as being certified in the State of Michigan. There are a number of labs that are certified by the State of Michigan and any public water supply is free to use any certified lab. The DEQ would be put in a very awkward position of not recognizing results unless the lab was certified in the State of Michigan.

You may wish to check with PSI to see what their certification status is in the State of Michigan. If they are located outside of the State of Michigan we can provide reciprocal certification based on the certification of their home state but they have to go through the process in order to receive reciprocal certification.

If PSI does not wish to go through the certification process they are free to sub-contract the lab work to any lab certified by the State of Michigan.

I am confident that we can work through this issue, I just want to make sure that we address this before it becomes problematic.

Please feel free to call me if you would like to discuss.

Thank you!

George

George L. Krisztian

Flint Action Plan Coordinator

Laboratory Director

Michigan Department of Environmental Quality

Desk ph (517) 284-6719

Cell ph PPI

From: Smith, Carol (DEQ)
Sent: Wednesday, December 30, 2015 10:06 AM
To: Krisztian, George (DEQ)
Cc: Pieper, Julia (DEQ);Shane, Kirby (DEQ)
Subject: flint paperwork

George
I have copies of the paperwork for all 4 samples in the set (LF98103-LF98106)
The bottle with a "1" on the top says P2 on the label however the paperwork says P1.
The bottle with a "2" on the top says P1 on the label however the paperwork says P2.
I will leave the copies with Kirby.

Carol Smith
MDEQ Laboratory
Organic Unit Manager
517-335-9550
smithc@mi.gov

From: Shane, Kirby (DEQ)
Sent: Wednesday, December 30, 2015 4:24 PM
To: Krisztian, George (DEQ)
Subject: aaa

George – Include results for 1201 N. Grand Traverse, Flint, Mi. Children facility in the weekly Governor's report.

Kirby Shane
Chief, Inorganic Unit
Laboratory Services
MichiganDEQ
shanek@michigan.gov
517.335.9888

Message

From: Krisztian, George (DEQ) [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=79D80ADC1CA84F54AD3B8B7AB8363BCD-KRISZTIAN GEORGE]
Sent: 10/12/2015 8:24:55 PM
To: Philip, Kris (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c1ee747767d640bca642e1c1ca5ef057-Philip Kristen]
CC: Shekter Smith, Liane (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=f8157efaafd2404899c8ad3a4197c53a-Shekter Smith Liane]; Busch, Stephen (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd27547c9c1a403a86507dc7f5702eba-Busch Stephen]
Subject: RE: Emailing: How to Calculate 90th Percentiles.docx

Awesome!

Thank you!

George

George L. Krisztian

Flint Action Plan Coordinator

Laboratory Director

Michigan Department of Environmental Quality

Desk ph (517) 284-6719

Cell ph PPI

From: Philip, Kris (DEQ)
Sent: Monday, October 12, 2015 4:12 PM
To: Krisztian, George (DEQ)
Cc: Shekter Smith, Liane (DEQ); Busch, Stephen (DEQ)
Subject: Emailing: How to Calculate 90th Percentiles.docx

Attached are the instructions for calculating the 90th percentile.

There are 3 examples. The 2nd example best explains interpolation.

Let me know if you have questions.

Kris Philip

517-284-6518

From: Shekter, Jean (DEQ)
Sent: Thursday, June 18, 2015 7:49 AM
To: Fiedler, David (DEQ)
Cc: Shekter Smith, Liane (DEQ);Devereaux, Tracy Jo (DEQ);Copen, Leigh (DEQ)
Subject: RE: 2014-023EQ JCAR Report Submittal
Attachments: 2014-023 EQ JCAR Report 2015 06 17.doc; Comments EPA.pdf; Comments Kapcia.pdf; Comments Roby.pdf

Dave, attached are the items ORR needs to review the JCAR package:

- Written public comments that we used to make changes to the rules, and
- An edited JCAR report indicating who made which comment.

Jean Shekter

From: Shekter, Jean (DEQ)
Sent: Monday, June 15, 2015 10:54 AM
To: O'Berry, Deidre (LARA); Fiedler, David (DEQ)
Cc: Anderson, Madhu (DEQ); Pallone, Maggie (DEQ); Shekter Smith, Liane (DEQ); Smalley, Liz (LARA); Devereaux, Tracy Jo (DEQ)
Subject: RE: 2014-023EQ JCAR Report Submittal

Deidre,
Good talking to you on the phone today. I understand that ORR needs to connect each rule change with a comment made at public hearing (either written or verbal). You asked for the transcript, which we sent you last week. Some comments, however, were only submitted in writing. Today you asked for the relevant written public comments. You also asked me to edit the JCAR Report to indicate who made which comment. I will get this to you as soon as possible.

Jean Shekter, EQA
ODWMA, FOS, CDWU
Lansing, Con Hall, 4-South, Pillar Q7
517-284-6519
shekterj@michigan.gov
Work hours 7:30-4

From: O'Berry, Deidre (LARA)
Sent: Monday, June 15, 2015 9:57 AM
To: Shekter, Jean (DEQ); Fiedler, David (DEQ)
Cc: Anderson, Madhu (DEQ); Pallone, Maggie (DEQ); Shekter Smith, Liane (DEQ); Smalley, Liz (LARA)
Subject: RE: 2014-023EQ JCAR Report Submittal

I am reviewing the JCAR Report submitted on June 9th , I am having a difficult time trying to tie the changes in the rules to the public hearing comments. The rule published as proposed in the Michigan Register was 171 pages and the rule submitted with the JCAR report is 113 pages. I thought maybe when I read the public hearing transcript I could tie the changes with the comments, but the USEPA must have submitted written comments? Can you please submit the written comments where DEQ made changes to the rules. Also when changes are made to the rule after public hearing can you be specific regarding who's comment prompted the change.

Please feel free to give me a call to discuss the report.

Deidre O'Berry
Office of Regulatory Reinvention
611 W. Ottawa – 2nd Floor
Lansing, MI 48909
Tel:517.241.1671

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From: Shekter, Jean (DEQ)
Sent: Friday, June 12, 2015 11:33 AM
To: O'Berry, Deidre (LARA); Fiedler, David (DEQ)
Cc: Anderson, Madhu (DEQ); Pallone, Maggie (DEQ); Shekter Smith, Liane (DEQ)
Subject: RE: 2014-023EQ JCAR Report Submittal

Attached is the public hearing transcript.

Jean Shekter, Environmental Quality Analyst
Community Drinking Water Unit, Field Operations Section
Office of Drinking Water and Municipal Assistance
Department of Environmental Quality
523 W Allegan St (Courier Delivery Zip 48933)
POB 30241
Lansing, MI 48909-7741
517-284-6519
shekterj@michigan.gov
www.michigan.gov/deqwater

From: O'Berry, Deidre (LARA)
Sent: Wednesday, June 10, 2015 1:31 PM
To: Fiedler, David (DEQ)
Cc: Shekter, Jean (DEQ); Anderson, Madhu (DEQ); Pallone, Maggie (DEQ)
Subject: RE: 2014-023EQ JCAR Report Submittal

Hi Dave – Since changes were made to the rules after the public hearing, ORR will need a copy of the public hearing transcript.

Thank you.

Deidre O'Berry
Office of Regulatory Reinvention
611 W. Ottawa – 2nd Floor
Lansing, MI 48909
Tel:517.241.1671

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From: Fiedler, David (DEQ)
Sent: Tuesday, June 09, 2015 9:03 AM
To: O'Berry, Deidre (LARA)
Cc: Shekter, Jean (DEQ); Anderson, Madhu (DEQ); Pallone, Maggie (DEQ)
Subject: 2014-023EQ JCAR Report Submittal

Deidre, I am submitting the JCAR package for the Supplying Water to the Public Rules, ORR Rule Set No. 2014-023EQ.

Dave Fiedler
Regulatory Affairs Officer
Executive Division
Constitution Hall, 6th South East, Pillar L7
517-284-6705

Agency Report to the
JOINT COMMITTEE ON ADMINISTRATIVE RULES

This form must be completed by the department/agency that has the statutory authority for promulgating the rules. Please send an electronic copy of this form to the Office of Regulatory Reinvention at **orr@michigan.gov**. The ORR will review the document, the newspaper advertisements, and the corresponding rules prior to completing the legal certification of the rules. Please be sure to send to the ORR proofs of publication for the three newspaper advertisements required by MCL 24.242(1). You may mail them or send them as a scanned attachment.

Department

Department of Environmental Quality

Division/agency/bureau:

Office of Drinking Water and Municipal Assistance (ODWMA)

Rule set number (as assigned by ORR)

ORR 2014-023 EQ

Title of rules:

Supplying Water to the Public

1. Name, address, FAX and phone numbers of agency contact person:

Jean Shekter, DEQ, ODWMA, P.O. Box 30241, Lansing, Michigan 48909-7741; Fax: 517-241-1328; Phone: 517-284-6519.

2. Purpose for the proposed rules and background:

The ODWMA is responsible for ensuring that public water supplies serve water meeting state drinking water standards under the Safe Drinking Water Act, 1976 Public Act 399, as amended (Act 399). In order to retain primary enforcement authority for the Public Water System Supervision Program, states must pass laws and adopt rules that are no less stringent than the federal Safe Drinking Water Act. The United States Environmental Protection Agency (USEPA) promulgated amendments to existing federal regulations, Revisions to the Total Coliform Rule (RTCR), and we must adopt those regulations into Michigan's Administrative Rules.

In addition to the RTCR, we are proposing amendments to the cross connection rules in response to a recommendation of the Environmental Advisory Rules Committee to enhance the rules instead of relying on a guidance document. The remainder of the proposed rules update and expand longstanding public water supply requirements. These requirements form a multiple barrier approach to ensure a safe and reliable supply of drinking water to the public, such as providing properly trained and experienced operators, and managing assets to ensure public water supplies achieve and maintain technical, managerial, and financial capacity.

3. Summary of proposed rules:

The RTCR revised the original total coliform rule, promulgated by the USEPA in 1989, and aims to increase public health protection by requiring public water supplies to find and fix potential pathways of fecal contamination into their distribution system.

Cross connection control protects each water supply from backflow so that water of questionable quality is kept out of the public water supply's distribution system. The amendments establish a minimum frequency to test backflow preventers and modifies the requirement for public water supplies to accept backflow preventer results only from individuals certified to test them, starting in 2018.

The operator certification amendments tighten the deadline by which some individuals must submit an application for certification examinations. This will allow for the additional processing necessary with the passage of certification examination fees now in effect as a result of 2011 amendments to the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

Asset management rules currently in place require publically owned or operated community water supplies to have a general plan for the waterworks system that includes a capital improvements plan that identifies waterworks system needs for 5-year and 20-year planning periods. The proposed rule clarifies that an asset management program is an integral part of developing an adequate capital improvements plan and requires the phased-in implementation of an asset management program for both publically- and privately-owned community water supplies that serve more than 1,000 people.

Finally, the amendments rescind the rules that require an annual water quality report from nontransient, noncommunity water supplies that are K-12 schools and daycare centers. Much of the information is now reported to the public under later rule amendments. Other information in the report, in many cases, is accessible via electronic means.

4. Name of newspapers and date of publication in newspapers (minimum 3 newspapers of general circulation, representing different parts of the state, one of which must be located in the Upper Peninsula):

The Marquette Mining Journal, January 20, 2015
The Lansing State Journal, January 20, 2015
The Detroit News/Free Press, January 22, 2015

5. Time, date, location and duration of public hearing:

10:00 a.m., February 18, 2015, Patriot Conference Room, Constitution Hall, 525 West Allegan Street, Atrium, North Tower, Lansing, Michigan 48933, 37 minutes.

Date of publication of rules and public hearing notice in *Michigan Register:*

January 15, 2015

6. Provide the link the agency used to post the regulatory impact statement on its website*:*

http://www.michigan.gov/deq/0,4561,7-135-3313_3675_3691-9647--,00.html

7. Agency representative(s) attending hearing (include agency name and title of representative[s]):

All representatives are from the DEQ's ODWMA.

State Drinking Water Administrator:
Liane J. Shekter Smith, Chief

Hearing Officer:
Jaclyn Merchant, Environmental Quality Analyst, Revolving Loan Section

Other Agency representatives:
Richard Benzie, Chief, Field Operations Section
Jason Berndt, Environmental Quality Analyst, Field Operations Section
Paul Brun Del Re, Environmental Quality Analyst, Field Operations Section
Pat Cook, Environmental Engineering Specialist, Field Operations Section
Dana DeBruyn, Chief, Noncommunity and Private Drinking Water Supplies Unit
Kris Dorcy, Environmental Quality Analyst, Environmental Health Section
Carrie Monosmith, Chief, Environmental Health Section
Scott Schmidt, Environmental Quality Analyst, Field Operations Section
Jean Shekter, Environmental Quality Analyst, Field Operations Section

8. Persons submitting letters, comments and testimony of support:

Cardinal, David, 5464 Independence Colony Road, Grand Blanc, Michigan 48439.

Crooks, Jennifer, Michigan Program Manager, submitting comments on behalf of the Ground Water and Drinking Water Branch, and the Office of Regional Counsel, USEPA, Region 5, 77 West Jackson Blvd, Chicago, Illinois 60604.

Kapcia, Matthew, Cross Connection Inspector, ASSE Instructor, 4693 Rochester Road, Troy, Michigan 48085

Lueck, Michael, President, Mid-West Instrument, 6500 Dobry Drive, Sterling Heights, Michigan 48314.

Moore, Charles, Industrial Pretreatment/CCP Supervisor, Oakland County Water Resources Commissioner's Office, One Public Works Drive, Building 95 West, Waterford, Michigan 48328-1907

Roby, Kevin, Cross Connection Specialist, City of Novi, 26300 Lee BeGole Drive, Novi, Michigan 48375.

9. Persons submitting letters, comments and testimony of opposition:

Kendzierski, Scott J., REHS, MS, Director of Environmental Health Services, Health Department of Northwest Michigan, 220 West Garfield Avenue, Charlevoix, Michigan 49720, http://www.nwhealth.org.

Kortman, Mike, Cross Connection Control Program Administrator, Byron-Gaines Utility Authority, 1381 84th Street SE, Byron Center, Michigan 49315

10. Summary of suggestions to modify proposed rules:

This summary includes:

- USEPA comments on RTCR
- RTCR implementation
- Cross connection control rules
- Miscellaneous

USEPA comments on RTCR

The USEPA recommended corrections and clarifications to ensure the proposed rules are as stringent as the federal regulations for RTCR. We agree with each recommendation. The proposed total coliform related rules are changed as recommended:

- Page 7, R 325.10108(c), correct "system" to "supply."
- Page 19, R 325.10401a, Table 1, delete citations in rows under "III. Public notification for variances and exemptions."
- Page 22, R 325.10403(2)(b), include reference to R 325.10705 to R 325,10709.
- Page 27, R 325.10405, Table 1, in row "Total coliform bacteria beginning April 1, 2016," last column, replace citation with the language from the citation R 325.10413(12)(g)(i)(A). This language in the total coliform row is very similar to, but not exactly as, the language in the "Coliform Assessment" row of the same table (page 28), therefore to avoid confusion, we also inserted an applicability clarification in the first column of both rows.
- Page 27, R 325.10405, Table 1, in row "E. coli beginning April 1, 2016," second column, add clarifying phrase "all required" before "repeat."
- Pages 28, R 325.10405, Table 1, add three missing rows "Coliform Assessment, E. coli Assessment, and Seasonal Supply. The requirement to notify the public when violations or situations occur is established elsewhere in the total coliform rule. This consolidated table lists the language that must appear on the public notice. Inserting the three missing lines simply lists the required language on the public notification for these violations and situations.
- Page 46, R 325.10413(12)(g)(iv), correct citation reference to (8)(d).

- Page 60, R 325.10704c(1)(f). The USEPA suggested a change that referred to a federal paragraph number instead of a state rule number. We corrected the corresponding state citation from "paragraphs (a)(5)(i) of this subrule" to the correct state citation "subdivision (e)(iii) of this subrule."
- Page 60, R 325.10704c(3)(a)(ii), correct citation reference from 709 to 704.
- Page 60, R 325.10704c(3)(a)(ii) and (iii), add language that was inserted by the department in the rules in 2009 to clarify when the department could invalidate a sample. The clarifying language was inadvertently omitted when incorporating the RTCR in R 325.10704c(3)(a)(ii) and (iii). We intend to carry the clarification into the new total coliform rules. The clarifications are in the form of examples.
- Page 61, R 325.10704d(1)(d), correct citation references to (6)(a)(iv) and (7)(d).
- Page 62, R 325.10704d(5)(a), correct citation reference to (6). EPA's comment to correct the citation reference to (6) appears to refer to R 325.10704d(1)(d), but that was not their intent. After checking with EPA, it was clear that EPA inadvertently omitted the columns for federal citation 141.854(e) and state citation 704d(5) in the final comments. We made the correction to 704d(5) as EPA intended.
- Page 63, R 325.10704d(6)(a)(v), add "total coliform rule" to clarify.
- Page 64, R 325.10704d(9)(b). Add missing phrase "except as provided…" that references a citation. We agree the reference is necessary and we believe a further clarification is necessary to reiterate that seasonal supplies are not eligible for reduced monitoring. Therefore, after "…beginning April 1, 2016" we added ",except as provided in subrule (3) of this rule. Seasonal supplies shall not reduce to annual monitoring."
- Page 68, R 325.10704h(1)(c), after "conduct 1 round" add "of repeat monitoring" to clarify.
- Page 70, R 325.10704i(2)(d), state that the department will make a determination. We added a sentence to the end of the subdivision (d) to clarify the department's role.
- Page 72, R 325.10708, rephrase confusing language. The USEPA recommended adding a clarifying phrase. Adding the phrase would make a run-on sentence even longer. Therefore, in order to clarify the rule, we broke the rule down into subrules to incorporate the recommendation. The intent is to clarify, not change, the rule requirement.
- Page 87, R 325.10719e(3)(a), correct citation typographical error from 709 to 704.
- Page 97, R 325.10720(4), correct citation typographical error from 709 to 704 and add missing phrase corresponding to analytical methods adopted by reference in R 325.10605.

RTCR implementation

The comments made by Mr. Scott Kendzierski pertain largely to the increased financial burden that local health departments (LHDs) will experience implementing the requirements of the RTCR at the noncommunity water supplies they regulate through a

grant awarded via contract from the DEQ. There is real concern that the LHDs may not be able to meet minimum contractual requirements. Specifically, the commenter believes that noncommunity water supplies will be required to monitor more frequently, there will be a significant increase in the number of sample results to enter into the DEQ noncommunity water supplies database, and the seasonal system requirements will significantly increase their workload without an increase in funding.

Mr. Kendzierski's comments do not directly pertain to the Act 399 revisions, but rather to the resources needed to implement the RTCR when it becomes effective on April 1, 2016.

The RTCR is a federal rule and will become effective in Michigan on April 1, 2016, even if the Act 399 revisions have not been promulgated. On the effective date, regardless of the status of the Act 399 revisions, the LHDs will be required to assess compliance with the RTCR requirements at all noncommunity water supplies in Michigan.

Michigan and Wisconsin have the largest inventory of noncommunity water supplies of all of the states in the country, at over 9,500 each. Based on information gathered from a number of LHDs, additional resources will be needed for the LHDs to implement the RTCR. However, additional funding has not been identified. Nevertheless, the DEQ commits to explore and pursue any and all opportunities to obtain additional funding to provide to the LHDs for RTCR implementation.

The DEQ commits to continue working collaboratively with the LHDs to create and apply new procedures and tools to efficiently implement the RTCR. To assist with the resource demands of the RTCR, both the DEQ and the USEPA have prioritized the development and release of software that will allow laboratories to automatically upload sample analysis data. Recently, the DEQ clarified the definition of a seasonal system, and this reduced the number of seasonal systems from what was first anticipated years ago. The DEQ has developed a boilerplate-approved start-up procedure and certification statement that seasonal systems may use, eliminating the need for LHDs to approve specific start-up procedures for each seasonal system and review certification statements that could have been submitted in a variety of ways.

Cross connection control rules

Comments on the proposed cross connection rules were generally favorable, with exception. In response to comments received on the Cross Connections provisions, the proposed rules are changed as follows:

- Page 106, R 325.11401, change "public" to "potable" in the definition of "backflow" and add a definition for "unprotected cross connection." Matthew Kapcia's February 18, 2015 comments 3 and 5 suggested changes are included in the final rule.

- Page 106, R 325.11402(a), clarify the referenced codes. Matthew Kapcia's February 18, 2015 comment 6 and Kevin Roby's comment 1 recommended R 325.11402(a) be modified to include all applicable sections of the Plumbing and Residential Codes and to clarify when those or other codes need to be followed or applied. There seems to be some confusion about the intent of R 325.11402(a). The intent is not to require cross connection inspectors to enforce the Plumbing Code or require facilities to bring their entire plumbing systems up to date with current codes, rather it is a reminder that in some situations other rules or codes may be applicable. As an example, if new piping or a backflow preventer has to be installed to eliminate an unprotected cross connection, it has to be installed in accordance with appropriate sections of the Plumbing or Residential Codes. The wording in R 325.11402(a) has been changed to clarify this issue.

- Page 106, R 325.11403, Matthew Kapcia's February 18, 2015 comment 7 states that, as written, R 325.11403(2) could be interpreted that all facilities would have to be "contained" and that "isolation" is not allowed. Mr. Kapcia also suggested that for clarification purposes R 325.11403(1) be rewritten and 325.11403(2) be eliminated. The DEQ believes these rules are necessary and has modified them for clarification purposes. In addition, subrule (3) of this rule was added to further clarify what other types of water customers or piping configurations are also prohibited.

Comments on the proposed cross connection rules that are not being incorporated into the rule are the following:

- Page 4, R 325.10103, Matthew Kapcia's February 18, 2015 comment 4 suggested we change the definition of "cross connection." The DEQ believes the current definition is adequate and the change is not necessary.

- Page 107, R 325.11404(2)(d), Matthew Kapcia's February 18, 2015 comment 8, Michael Lueck's February 18 and 20, 2015 comments, and David Cardinal's comment suggested that the provision in this rule that allows backflow preventers installed on all lawn irrigation systems to be tested every five years was too infrequent and should be eliminated. Supporting documentation provided by the commenters included references to lawn irrigation systems being classified as high-hazard situations due to the potential of herbicides, pesticides, or other contaminants being drawn into the potable/public water supply during backflow conditions; the failure rates of backflow preventers increases significantly if the testing frequency is more than once every 3 years; allowing a different testing frequency for backflow preventers on lawn irrigation systems will cause confusion within the regulated community. The DEQ has decided to keep the 5-year provision in the rules due to the fact that, as written, this rule only allows the 5-year testing frequency for backflow preventers on lawn irrigation systems with no chemical treatment if it is specified within the local cross connection control program. This allows community water supplies some

flexibility to set the testing of backflow preventers on lawn irrigation systems based on specific conditions within their community. This is different from House Bill 5317 that was vetoed by the Governor since this rule allows the testing to be every 5 years, where HB 5317 stated that the testing could not be more often than once every 5 years.

- Page 108, R 325.11405(2), Matthew Kapcia's February 18, 2015 comment 9a suggested we change the word "active" to "current" as it pertains to the ASSE 5110 certification. The DEQ feels this change is not necessary and, therefore, did not include this suggested change in the final rule.

- Page 108, R 325.11405(2) Matthew Kapcia's February 18, 2015 comment 9d (as further supported in his February 25, 2015 comment) and David Cardinal's comment 2 suggested we add language to require water supplies to only accept test results of backflow preventers from individuals that hold an active ASSE 5110 certification but are also "licensed plumbers working for a licensed plumbing contractor as required by the State Plumbing Act". Joe Madziar, Chief, Plumbing Division, Department of Licensing and Regulatory Affairs, has gone on the record (July 21, 2014, Memorandum) stating that ASSE 5110 certified testers are not required to be licensed plumbers to test backflow preventers in Michigan. Therefore, the DEQ does not plan to include these suggestions into the final rule.

- Mike Kortman commented that all rules or provisions requiring cross connection control inspections and testing of backflow preventers at residential accounts be removed from the rules. The DEQ, public health and water supply officials have long been concerned about cross connections and interconnections in both residential plumbing systems and public water supplies. Since it was promulgated in 1976, Act 399 has stated that all cross connections, regardless of where they are located, are prohibited. This includes cross connection at residential accounts. While difficult to detect, there have been documented case histories of cross connections that resulted in backflow of contaminants and pollutants into the public water supply from residential accounts. The probability of a single plumbing system contaminating the public water system through cross connections may seem remote, but when an untold number of similar plumbing systems are considered, the probability increases. The only acceptable protection is to eliminate or protect all possible links whereby such pollution or contamination of the water system may occur, including those at residential accounts. In addition, the same person raised other questions or concerns about cross connection control requirements at residential accounts, which are included along with the DEQ's responses on the attachment to this JCAR Report.

- Kevin Roby's comment 2 stated he was unclear of the intent of the DEQ's Best Practices Manual for Cross Connection Control referenced in R 325.10113 on page 9 and R 325.11404 on page 107. The purpose of this manual is to

supplement the Part 14 Rules and to assist the water officials in the implementation of their cross connection control program. The manual was prepared to provide general guidance regarding cross connection control and backflow prevention and is intended to be used in conjunction with other references, like the Plumbing and Residential Codes. All new construction and modifications of existing plumbing should be inspected for compliance with the Plumbing Code.

Miscellaneous

- Page 9, R 325.10112, changed table from double spaced (improper for state rules) to single spaced.
- Page 9, R 325.10113(c), deleted "water bureau" in the Suggested Practices organization reference. The bureau no longer exists.
- Page 9, R 325.10113(d), and page 107, R 325.11404(1), changed the title of the manual that water supplies may use when developing a cross connection control program - from "Cross Connection Rules Manual" to "Best Practices Manual for Cross Connection Control."
- Pages 15-20, R 325.10401a, Table 1, changed from double spaced (improper for state rules) to single spaced.
- Pages 27-38, R 325.10405, Table 1, changed from double spaced (improper for state rules) to single spaced.
- Page 58, R 325.10704b(1)(d), subscripted numbers in notation for sodium thiosulfate from Na2S2O3 to $Na_2S_2O_3$.

Name of person completing this report:

Jean Shekter

Date report completed:

May 22, 2015

(ORR-JCAR March 2014)

Additional Comments and Responses Pertaining to the Part 14 Cross Connection Rules

Comment 1: Why hasn't a standard for residential testing already been established after almost 40 years since Act 399 became law? There has been plenty of time and opportunity for a significant record of data to be compiled with thousands of connections being added every year.

DEQ Response: A frequency for testing assemblies was first established in the 2nd edition of the Cross Connection Rules Manual in 1988 and was adjusted in the 4th edition in 2008. Because there is no hydraulic difference between customer types, the frequency applies to all types. The DEQ now proposes to formally adopt those frequencies in our administrative rules.

Comment 2: Richard Benzie, then Chief of the Community Drinking Water Unit, testified before the House Regulatory Reform Committee on May 14, 2014. When asked by a member of the committee, he was unable to site a single instance of harm resulting from the lack of backflow testing in a residential setting.

DEQ Response: The EPA, American Water Works Association, American Backflow Prevention Association, and other organizations have published documented cases of contamination from backflow, including those from residential accounts. It is estimated that most, if not all, cases of backflow go unreported. One documented case occurred in Southgate, Michigan, where parasitical worms were sucked into the potable water supply of two homes via a lawn irrigation system. The Water Research Foundation has researched the vulnerability and occurrence of residential backflow. Based on their research using meters that measured any “negative” flow, they concluded that approximately 1.5 percent of residential customers experience some amount of backflow each month, with a total of 5 percent of the customers experiencing backflow annually. This further illustrates the need for proper cross connection control at residential accounts.

Comment 3: Even if the Department can provide specific data of backflow preventer failure rates, can those failures be tied to any instances of harm to drinking water customers? On the other hand, can it be shown that improved water quality is the direct result of increased testing?

DEQ Response: We know that certain hydraulic conditions will result in backflow and that certain fluids that could backflow into the potable system could cause illness or death. Since all mechanical devices are subject to failure, testing of devices is the only way to ensure they will function should there be a backflow event. As the agency responsible for assuring drinking water is safe for the public, it is the DEQ’s duty to require mechanical assemblies designed to prevent backflow to be tested.

Comment 4: To draw a comparison, note that speed limits are determined by traffic

studies and statistics. If a stretch of road has a history of violations and accidents, a restricted speed is justified. However, if no evidence of danger can be found, it is reasonable for the limit to be reconsidered and made less restrictive.

DEQ Response: Car accidents and violations are clearly visible and easily documented. Backflow is very difficult to document, and contaminated water in the distribution system is difficult to detect. In addition, since installation and testing have been required for decades, it can be inferred that this directly contributes to a low incidence of documented backflow events.

Comment 5: The proposed testing frequency is an arbitrary number. It has changed multiple times throughout the course of this process. A recently vetoed HB 5317 dealt with a residential backflow testing frequency. The frequency changed as the bill was drafted, as it passed the House, and again as it passed the Senate. The industry has not, and will not, provide an objective figure until an honest evaluation of actual conditions occurs.

DEQ Response: The proposed testing frequency is not an arbitrary number; it is based on overwhelming data provided by public water supplies and certified testers that clearly indicate failure rates increase as the time period between tests increases. As an example, pressure vacuum breakers (PVBs) tested yearly generally fail about 10 percent of the time and 20-30 percent of the time if tested every 3 years or more. Recently, a community water supply started requiring PVBs on residential lawn irrigation systems to be tested. Most of these PVBs had been tested at the time of installation, but not since. The results indicate that the average failure rate was 65 percent, which supports the need for frequent testing.

Comment 6: This rule change creates a discrepancy with the Michigan Plumbing Code, which states that all backflow preventers must be tested annually. Wouldn't time be better spent on resolving the differences between Department roles instead of relying on a Memorandum of Understanding from 2001 for enforcement?

DEQ Response: It would certainly have been simpler for the DEQ to adopt the annual testing frequency listed in the Plumbing Code. However, the DEQ decided to allow community water supplies to require testing of backflow preventers at a time interval stated in locally-approved programs, not as required by the Plumbing Code. The intent of the Memorandum of Understanding (MOU) was to clarify this position and has not been, nor is it ever intended to be, used as an enforcement tool.

Comment 7: These rule changes will have financial impact on small business owners, Community Water Supplies, and residential customers. This impact is not accurately reflected in the RIS for this draft rules package.

DEQ Response: These rules changes do not impose any new or additional requirements, other than the requirement to have backflow preventer testers be ASSE certified. Water suppliers, residential customers, and a majority of business

owners should not see a financial impact if they have been performing the proper cross connection control activities in the past. In the context of lawn irrigation systems, the financial impact decreases. Traditionally, the testing frequency has been 3 years while the proposed rules allow 5 years for irrigation systems.

With regard to the cost to public water supplies, they have been required to have a formal program of inspecting customers and testing backflow preventers since the inception of these rules in the 1970s. The rule changes only clarify and formalize the requirements. Utilities that have not been meeting the requirements up to this point have been saving costs.

Comments Continue: Please consider these points as red flags, signaling the need to reconsider the current draft language. Recommendation W-17 stumbles over the elephant in the room of an industry shored up by regulation. The recommendation seeks a proportional response to the actual threat. Arguments based on emotion and slim possibilities have been too common, while evidence of a problem is not. This should not be tolerated any longer.

To truly streamline and improve the cross connection landscape long-term, consider focusing these Part 14 requirements on Commercial and Industrial water customers, where they have historically been effective. This has been acceptable to the DEQ for many years. Residential issues will continue to be dealt with on a case by case basis by each community water supply, as they determine necessary. A distinction can be made between public buildings, where a higher level of protection can be justified, versus a private residence, where homeowners should maintain responsibility for the condition of their own plumbing system. This is no different than subjecting public buildings to fire safety requirements, while at the same time leaving a homeowner responsible to change the batteries in their own smoke detectors.

DEQ Response: This is also flawed logic. If a homeowner does not replace the batteries in their smoke detector, they risk having a fire destroying only their home. A homeowner with a lawn irrigation system has the potential to contaminate a public water supply distribution system; therefore, jeopardizing the public health of their family, neighbors, and the entire community.

Comments End With: Similarly, commercial vehicles and drivers must meet a higher standard on our roads; whereas, the majority of us are held responsible for the upkeep and safety of our own cars. Thinking like minded in terms of cross connection control will ultimately lead to a much more reasonable and proportional response, while respecting the privacy of residential water customers.

Shekter, Jean (DEQ)

From: Crooks, Jennifer <crooks.jennifer@epa.gov>
Sent: Tuesday, February 17, 2015 12:45 PM
To: Shekter, Jean (DEQ)
Cc: Carlson, Deborah; Kuefler, Janet; Poy, Thomas; Benzie, Richard (DEQ)
Subject: Region 5 Final Comments on MI draft RTCR for Public Hearing
Attachments: Comments final on Michigan draft RTCR Feb 2015.docx

Hi, Jean. Please see the attached comments on the Michigan draft RTCR. This list of comments includes my comments from Ground Water and Drinking Water Branch, and comments from Office of Regional Counsel. Please let me know if you have any questions.

It's been great working with you, Jean, as usual!

Jennifer

Final Comments on Michigan draft RTCR – February 18, 2015

Fed'l Cite	State Cite	Comment
141.2	108(c)	The draft rules use the term "seasonal supply" instead of "seasonal system", as noted in #29 of "Notes for Crosswalks". This is acceptable because the state consistently uses "supply" when referring to the regulated entity. However, the State rule defines "seasonal supply" using the terms "noncommunity water system" and "public water system." Did you intend to use terms "noncommunity water supply" and "public water supply?", page 7 of draft rule
141.74(c)(3)(i)	720(4)	Reference to "709d to 709h" should read "704d to 704h", page 113 of draft rule
		Also, why did the State leave out the phrase, "…as specified in paragraph (a)(1) of this section"…"
141.132(c)(1)(i)	719e(3)(a)	Reference to "709d to 709h" should read "704d to 704h", page 104 of draft rule
141.153(h)(7)(iv)	413(12)(g)(iv)	Reference to "paragraph (d)(4)" should read "paragraph (8)(d)". See page 63 of draft rule.
141.203(b)(2)	(403)(2)(b)	In the 3rd sentence, "MCL" is supposed to match up with "total coliform provisions under R 325.10602". Rule 602 just gives MCLs; where the Federal rule references the Total Coliform Rule. Should the State cite be Rules 705 to 709 for Total Coliform Rule? See page 27 of draft rule.
141.153(h)(7)(i)(A)	413(12)(g)(i)(A)	On page 32 of draft rule in Table 1, Health Effects Language for Total coliform bacteria beginning April 1, 2016, the State says,"Use language in R 325.10413(12)(g)(i)(A)". Why doesn't the State just insert the language here, as is done with other entries in Table 1?
Appendix B to Subpart Q	Table 1	The following lines of Table 1 are missing from the draft rule: **1.e**. Subpart Y Coliform Assessment and/or Corrective Action Violations, beginning April 1, 2016; **1.f.** Subpart Y E.coli Assessment and/or Corrective Action Violations, beginning April 1, 2016; **1.h**. Subpart Y Seasonal System TT Violations, beginning April 1, 2016.
Appendix B to Subpart Q	Table 1	On page 33 of the draft State rule; E.coli, beginning April 1, 2016; third line add "all required" after "take" and before "repeat".
141.853(a)(6)	704c(1)(f)	Second line, "paragraphs" should be "paragraph". Page 77 of State draft rule.
		Reference in second line, "(a)(5)((i)" should be (iii). Page 77 of State draft rule.

141.853(c)(1)(ii)	704c(3)(a)(ii)	Reference in second line should read, "R 325.10704h(1).
141.853(c)(1)(ii) and (iii)	704c(3)(a)(ii) and (iii)	The instances when the State may invalidate a total coliform sample result are the same in the RTCR and the original 1989 TCR. In 2009, the State amended its TCR State rule to clarify these instances when the State may invalidate a result. However, it appears the State has not carried over these clarifications in its State TCR, into its RTCR 704c(3)(a)(ii) and (iii). Does the State intend to carry over the 2009 clarifications made to the State TCR into the State RTCR Rule 704c(3)(a)(ii) and (iii)?
141.854(a)(4)	704d(1)(d)	Reference to "(f)(4)" = "(6)(a)(iv)", not "(6)(d)", on page 78 of draft State rule.
		Reference to "(g)(2)" = "(7)(d)", not "(7)(b)", on page 78 of draft State rule.
		Reference to "subdivision (b)" should be "subdivision (6)".
141.854(f)	704d(6)(a)(v)	Add "total coliform rule" after "…monitoring has 1…" and before "….monitoring violation". This is listed twice, on page 46 and on page 47 of crosswalk.
141.854(i)(2)	704d(9)(b)	State omitted reference to paragraph (c). Section 141.854(c) also includes monitoring more frequently than annual and other provisions.
141.858(a)(3)	704h(1)(c)	For clarification, add "of repeat monitoring" after "…conduct 1 round.." and before "…but is not required…". See page 85 of draft State rule.
141.859(b)(4)(iv)	704i(2)(d)	Rule 704i(2)(d) doesn't state that the department will make a determination.
None	708	Does this rule mean that if the system collects a sample when they learn of the invalidation, then this would be a valid sample? Perhaps add a phrase "a sample is taken by the system when they learn of the invalidation", after "…until the following monitoring period", and before "or if the department collects a sample…"
Endnote 18	Table 1 State rule 401a	Under III. Public notification for variances and exemptions: Rule 302 and Rule 312 are both listed under Citations for each item; however Rule 302 actually corresponds with the first item and Rule 312 actually corresponds with the second item. For clarification, the State could delete the Rules not needed under the Citation column.

MDEQ PART 14 RULE CHANGE PROPOSALS - PUBLIC COMMENTS February 18, 2015

MATTHEW KAPCIA
Licensed Master Plumber, Licensed Plumbing Contractor,
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1. There should be a differentiation between the phrases Public Water Supply, and a Public Water Supplier.
   These Rules are interchanging the words Supply and Supplier which are two different things.
2. There are misspelled words. Insert hyphens where required. I.e. Non-potable, re-inspection
3. The Definition of "Backflow" should replace the word "public" and insert "potable".
4. Change the definition for "Cross Connection". (Using the ASSE [American Society of Sanitary Engineering] Plumbing Dictionary) - A physical connection or arrangement between two otherwise separate (piping) systems, one of which contains potable water and the other water of questionable or unknown safety. .....
   Current Definition of Cross Connection - "a connection or arrangement of piping or appurtenances through which a backflow could occur."
5. Insert a definition for "Unprotected Cross Connection". (Using the ASSE Plumbing Dictionary) - A cross connection between a potable and non-potable system where inadequate methods are provided to prevent backflow.
6. **Rule 1402**: "A connection with a public water supply system shall comply with existing laws, ordinances, **codes,** and rules including:"
   [Some people have misinterpreted this rule to mean that everything has to be brought up to current codes so clarify that in this section of the rules.] See 1402a below.
   Rule 1402 (a): The paragraph should simply state:
   "All sections of the Michigan Plumbing Code or the Michigan Residential Code pertaining to backflow and cross connection control. The Codes allow for existing plumbing systems to stay as currently installed, providing they were installed properly according to the code in effect at the time of installation and they do not currently present a safety hazard.
   There are sections in the Codes other than 608 that deal with backflow.
   Michigan Plumbing Code Sections 102.2 & 102.3 allow existing installations.
7. **Rule 1403 (2)**: Clarify what constitutes a cross connection for these purposes. The way it reads, it may be interpreted that all facilities must have a containment assembly installed.
   Better yet, just delete the second statement and leave in the first statement to now read:
   "Any temporary or permanent Unprotected Cross-connection between a public water supply system and any source, piping, or system that may contain non-potable water or other substances is prohibited."
   This proposed statement covers both types of cross-connection programs;
   being Containment and Isolation type programs.
8. **Rule 1404 (d)**:
   a. Remove the sentence referencing testing every 5 years for irrigation systems.
   i. The Michigan Plumbing and Residential Codes already have a schedule for testing backflow assemblies which is "annually".
   ii. Irrigation systems are high hazard applications due to chemical and biological contamination present on all lawns.
   iii. My personal experience with testing residential Pressure Vacuum Breakers for the first time is a 65% average failure rate.
   iv. Using a very common vacuum breaker model as an example, the failure rates were:
   84% for Generation 1 & 2 models
   74% for Generation 3 models,
   40% for Generation 4 models,
   0% for Generation 5 models installed last year.
   v. This indicates a need for assembly testing.

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9. **Rule 1405**:
   a. Change the word "active" in the rule to read "current" ASSE 5110 Certification as the words have slightly different meanings.
   b. This Rule creates confusion about which ASSE 5110 Certified Testers may actually test in the state of Michigan because it disregards the requirement in State Plumbing Act 733 that testers must be licensed plumbers.
   c. The ASSE 5110 standard is an international standard that is very loose in allowing for who can become certified that requires "5 years experience in plumbing or a related industry field" (whatever that means.) For example: The ICC Plumbing Code Commentary specifically states that 'irrigation systems are not considered plumbing systems", yet ASSE will allow irrigation people to test. ASSE will also allow individuals illegally engaged in plumbing work without a license to test because they have experience working on plumbing, which only rewards these individuals for their criminal activities.
   d. Proposed Alternate Draft - "**(2) Beginning January 1, 2018, backflow preventer test reports may only be accepted if testing was performed by licensed plumbers that have a current ASSE 5110 tester certification, and are working for licensed plumbing contractors.**"
   e. The State of Michigan currently maintains control of the testers because State Plumbing Act 733 gives the state control over licensed plumbers.
   f. If unlicensed individuals are allowed to test, then **the State of Michigan will have no control over any of the testers** because the ASSE 5110 Tester Certifications are administered through an outside agency (ASSE) that is not under the control of the state.
   g. The ASSE 5110 Certification Standard only has provisions for certifying a tester. ASSE has little if any control over the testers after certification as there is no legal standard in place to suspend, de-certify, or otherwise sanction any certified tester.
   h. State Plumbing Act 733 regulates the installation and maintenance of plumbing.
   i. State Plumbing Act 733 states that all backflow preventers are a part of the plumbing system.
   j. State Plumbing Act 733 states that "a person shall not engage in or work at the business of a plumbing contractor… unless licensed".
   k. State Plumbing Act 733 states that "plumbing shall be performed by a licensed master or journey plumber."
   l. State Plumbing Act 733 states that a license is not required for certain work, and lists specific exceptions. … Backflow testing is not listed as one of the exceptions.
   m. State Plumbing Act 733 regulates the "maintenance" of plumbing, and Backflow Assembly Testing is a part of maintaining plumbing systems as required by the codes.
   n. State Plumbing Act 733 states that "**A licensed master plumber shall be in charge and responsible for** proper installation and **conformance with the code."**
   o. The requirement to test assemblies is in the Michigan Plumbing and Residential Codes, and plumbers are responsible for conforming to the codes.
   p. Unlicensed individuals are currently engaging in illegally repairing and installing backflow preventers on a widespread basis. Allowing these individuals to legally test would only allow them even greater access to conduct their ongoing criminal activities.
   q. I am not certain of the legal liability that this would place on the State.
   r. Unlicensed individuals and companies are not insured for illegally working on plumbing systems. Therefore, should a backflow incident occur resulting in sickness, loss of life, or physical damage, insurance companies may not pay off, resulting in further economic hardship to the customers.
   s. Attached are excerpts from State Plumbing Act 733.

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State Plumbing Act 733 selected excerpts

[bold and underlined portions are not in the original text and are for emphasis only]

AN ACT to regulate the **installation**, alteration, **maintenance**, improvement, and inspection **of plumbing**; to provide certain powers and duties for certain state agencies and departments; to create a plumbing board; **to** define plumbing, plumbing contractors, and the classification of plumbers and to set standards for those classifications; **to provide for the licensing and regulation of classes of plumbers and plumbing contractors;**

338.3517 Definitions; J to M.

(e) "Minor repair" means a repair which involves only the clearance of stoppages, repair, or replacement of a faucet, valve, reinstallation of that same plumbing fixture provided that no modifications are made to the plumbing system, or residential domestic water treatment and filtering equipment. **Minor repair does not include any of the following:**

(*i*) **The repair or replacement of a backflow preventer** and air admittance valves.

(*ii*) A repair or replacement that is only a part of a larger or major renovation or repair.

338.3519 Definitions; P.

Sec. 9. As used in this act:

(a) "Person" means an individual, sole proprietor, partnership, association, corporation, governmental subdivision, public or private school, or public or private organization.

(b) **"Plumbing" means the practice, materials**, and fixtures, **in or adjacent to a building, structure, or premises, used in the installation, maintenance**, extension, or alteration **of all** piping, fixtures, plumbing appliances, **plumbing appurtenances, as defined by the code, in connection with** the sanitary drainage or storm drainage facilities, plumbing venting systems, medical gas systems, **backflow preventers**, and public or private water supply systems.

(c) "Plumbing contractor" means a licensed master plumber or a person who employs a licensed master plumber full-time to directly supervise the installation of plumbing as his or her representative engaged in the business of plumbing for a fixed sum, price, fee percentage, valuable consideration, or other compensation and who is licensed as a plumbing contractor.

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338.3525 Plumbing; license required; exceptions.

Sec. 15. (1) **A person shall not engage in or work at the business of a plumbing contractor**, master plumber, journey plumber, or apprentice plumber **unless licensed** or registered by the department. Except as provided in subsections (2), (3), (4), and (5), **plumbing shall be performed by a licensed master or journey plumber. A licensed master plumber shall be in charge and responsible for proper installation and conformance with the code.** Plumbing shall not be performed unless the plumbing contractor who is responsible has secured a permit from the state or a governmental subdivision authorized to issue permits.

(2) A license is not required for the following work:

(a) **Minor repair work**. **[SEE DEFINITION ABOVE]**

(b) The installation of a building sewer or water service pipe provided that a permit is secured from the responsible enforcing agency and inspections are performed. The installations shall comply with the applicable code.

(c) The installation of domestic water treatment and filtering equipment that requires modification to an existing cold water distribution supply and associated waste piping in buildings if a permit is secured, required inspections performed, and the installation complies with the applicable code. If the enforcing agency determines a violation exists, it shall be corrected by the responsible installer.

(3) A homeowner may install his or her own plumbing, building sewer, or private sewer in his or her single-family dwelling if a permit is secured.

(4) The installation of medical gas piping providing the installation shall be performed under the supervision of a licensed plumbing contractor.

(5) This act does not prevent a person from performing any activities within the scope of licensure or registration under any other licensure or registration act or applicable codes for that licensed or registered professional adopted pursuant to law.

February 18, 2015

Public Hearing
Constitution Hall
Patriot Conference Room
525 West Allegan Street, Atrium, North Tower
Lansing, Michigan 48933

Proposed Administrative Rules
Promulgated Pursuant to Section 5
Of the Safe Drinking Water Act, 1976 PA 399, as amended (Act 399)

Comments for the record Act 399, Part 14 Rule Changes

Kevin Roby
City of Novi
kroby@cityofnovi.org
Water & Sewer Division

1. **Comment:**

   R 325.11402 Compliance with regulations and local codes
   Rule 1402

   Page 164, Rule 1402 (a) specifically addresses "Section 608, protection of potable water supply, of the Michigan Plumbing Code" and does not include Chapter 14 Referenced Standards of the Michigan Plumbing Code which addresses the standards (ASSE and CSA) inserted into Rule change 1405.

   Rule 1402 (a) does not include "Section P2902, protection of potable water supply or Chapter 44 Referenced Standards" noting that single and multi-family residential is specifically called out in Rule change 1403(2).

   From a water supplier interpretation and inspection standpoint, the intent and spirit of these rule changes are really unclear to me. If the intent and spirit of these rule changes is to require that protection of the public water supply be protected through the Michigan construction codes then I offer the following language changes;

   Rule 1402. A connection with a public water supply system shall comply with existing laws, ordinances, codes, and rules including:

(a) The Michigan Plumbing Code and the Michigan Residential Code

This would cover all plumbing systems including residential. Any provisions of these codes that you wish to exclude could be covered and listed in the best practices manual.

Rule change 1402 specifically inserts **"codes"** as part of the rule change.

Section 109.1 of the Michigan Plumbing Code provides for a means of appeal. Section 105.1 of the Michigan Plumbing Code provides the authority to the Code Official to grant "modifications" to the code under certain conditions when there are practical difficulties carrying out the provisions of the code.

Section R112.1 of the Michigan Residential Code provides for a means of appeal.
Section 104.10 of the Michigan Residential Code provides the authority to the Code Official to grant "modifications" to the code under certain conditions when there are practical difficulties carrying out the provisions of the code.

Given that Rule change 1402 (a)(b) includes construction codes, do these sections for appeal and/or modifications apply as a means of appeal after the issuance of a certificate of occupancy?

2. **Comment:**

Page 165, Rule change 1404 (1) "Supplies may use the cross connection best practices manual prepared by the department, office of drinking water and municipal assistance, listed in R 323.10113"

The intent and spirit of the "Best Practices Manual" is unclear to me? Is this manual intended to be a set of regulations that a water supplier uses as set of regulations/requirements/codes to be followed through the history of the building during its inspection frequencies? If we find a violation after the building is constructed under the Michigan Plumbing Codes and Michigan Residential Codes, what set of inspection and abatement requirements does an inspector follow, the construction codes or the best practices manual or both? If there is a conflict between the construction codes and the best practices manual, which does the water supplier follow for abatement of violations?

3. **Comment:**

Page 165, Rule change 1404. (D)"Backflow preventers installed on lawn irrigation systems with no chemical treatment may be tested once every 5 years if specified within the cross connection control program"

Does this Rule change include ALL lawn irrigation devices or just single family residential?

4. **Comment:**

Page 165, Rule change 1405. (1) Backflow preventers shall meet the applicable ASSE or CSA Standards.

Rule change 1402. (a); specifically states that compliance with Section 608 of the Michigan Plumbing is required. Section 608 of the Michigan Plumbing Code includes other standards in addition to ASSE and CSA. Is this section amending Section 608 of the Michigan Plumbing Code? The same would also be true for the Michigan Residential Code Chapter 29.

Should Rule change 1405. (1) Also include the requirement of compliance with the manufacture specifications and installation instructions?

From: Cook, Pat (DEQ)
Sent: Monday, September 09, 2013 10:57 AM
To: Prysby, Mike (DEQ);Busch, Stephen (DEQ)
Subject: FW: Flint WTP CT
Attachments: FlintCTcalculator.xls

Steve spreadsheet is correct. If you open it up and in the flow rate box insert 18 mgd rather than 36, you'll notice the log inactivation achieved is 0.46, which is what Mike came up with this morning when he used 18 mgd. This is not a %, it's a log number. They need 0.5 logs but are getting 0.46, that's 92% of what they need.

pat

From: Busch, Stephen (DEQ)
Sent: Friday, August 30, 2013 4:28 PM
To: Prysby, Mike (DEQ)
Cc: Cook, Pat (DEQ)
Subject: RE: Flint WTP CT

They seem to meet the extra 0.5 log removal with no problem (see attached) at 0.25 intermediate Cl, 1.0 PT Cl and 9 pH.

Also they will not be producing 36 MGD during the interim period so the flow rate can be significantly reduced.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: Prysby, Mike (DEQ)
Sent: Wednesday, August 28, 2013 11:30 AM
To: Cook, Pat (DEQ); Busch, Stephen (DEQ)
Subject: Flint WTP CT

Attached is the Flint WTP CT calculation for several different operating scenarios with worst case meaning cold water – 0.5 deg C.

1. 12 MGD (0.5 C, pH 7.5, final CL 1.0 ppm)
2. 18 MGD (0.5 C, pH 7.5, final CL2 1.5 ppm)
3. 18 MGD w. softening (0.5 C, pH, final CL2 2.5 ppm)

Based on the higher pH, a minimum free residual of 2.5 mg/l from the clearwell appears necessary to meet the required CT in the third scenario.

I also ran the CT calc for the 3 MGAL clearwell at 2 deg C using the regression method. I will place a hard copy of the calc on your desk since my computer not mapped to the scanner on the printer….

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

Instructions for using this C*T Calculator:

1.) Gather data for the water supply. Data of concern is the maximum pH value and the minimum chlorine residual for each monitoring location within the plant. The sheets here allow the last 2 years worth of data to be entered, as well as an "other value".

*The "other value" can be useful if there is a historic minumim or maximum value that you would like to use, or to determine the minimum residual that needs to be maintained in order to satisfy the C*T requirement.*

*The data contained in these sheets is transferred to a "Water Quality Report" sheet that will print out with the C*T calculation when the "Print Report" button is clicked.*

2.) Be sure to label each monitoring location on the two data sheets. The label allows you to associate a monitoring location with each process on the CT Calculator sheet.

3.) Determine the number of processes that will be used in the C*T calculation. Then, on the CT Calculator worksheet, click the "Add Process" button until the appropriate number of processes are shown. The add and remove [Add Process] always perform their operations on the second column.

4.) Title each process and fill in **ALL** of the yellow cells for each process. Make sure that the monitoring locations on the CT Calculator sheet match the appropriate monitoring location specified on the pH and Cl sheets. Also determine the log inactivation required through disinfection and fill in the cell on the left side to reflect the requirement.

5.) Once all of the pH and chlorine residual data is entered and all of the yellow cells are filled in on the CT Calculator sheet, you are ready to make the CT calculation. Click on the "Calculate C*T" button. The rest of the empty cells should fill in and provide you with a percentage of t[Calculate C*T]equirement. If the requirement is above 100%, then C*T has been attained.

6.) Before printing the report, fill in the text boxes on the "CT Calculator" sheet to reflect the plant evaluated, the purpose of the evaluation, and the assumptions made during the calculation.

7.) When you are ready to print, click the "Print Report" button. Three pages will print: The C*T calculation, the Water Quality Report, and the Chlorine Residual Graph. You can still print a single sheet if you wish by selecting print from the file menu. [Print Report]

Other Instructions:

This button will clear the blue cells, which are filled in by the macro when the "Calculate C*T" button is pressed.

[Reset Macro]

[Calculate C*T]

This button will clear all of the cells on the "CT Calculator" sheet and remove all but one process.
You will lose any data you had previously entered

[Reset Sheet]

	A	B	C	D	E
2		**E. Solid Contact**	**W. Solid Contact**	**Filter**	**Clearwell**
3					
4	Volume (gallons)	1,280,000	1,280,000	500,000	3,000,000
5	Flowrate (MGD)	19	18	36	36
6	Flowrate (gpm)	13186	12492	24984	24984
7	Flowrate (cfs)	29.38	27.83	55.66	55.66
8	Detention time (min)	97.07	102.47	20.01	120.08
9	Baffling Factor	0.5	0.5	1	0.28
10	Cl_2 Monitoring Location	Intermediate	Intermediate	Plant Tap	Plant Tap
11	True Min Cl	0.25	0.25	1	1
12	Min Cl for CT Table	0.4	0.4	1	1
13	pH Monitoring Location	Tap	Tap	Tap	Tap
14	Max pH	9	9	9	9
15					
16	C*T Attained	12.13	12.81	20.01	33.62
17	C*T Req (1 log rem)	130	130	146	146
18	Log inactivation attained				303
19	% of required attained				3.06
20					
21	0.5				
22	log inactivation required				
23					
24	**0.559**				
25	log inactivation attained				
26					
27	**111.8**				
28	% of required				
29					
30					
31					
32					
33					
34					
35					
36					
37					

Water Treatment Plant

Sanitary Survey 2005

Assumptions:

Cell: A4
Comment: DEHTIARL:
The minimum working level should determine the volume of each process.

Cell: A5
Comment: DEHTIARL:
The flowrate should be entered as the flow through the basin or process at the rated plant capacity.

Cell: A9
Comment: DEHTIARL:
Refer to EPA's LT1ESWTR Disinfection Profiling and Benchmarking Guidance Manual found at the following link:

http://www.epa.gov/safewater/mdbp/pdf/profile/lt1profiling.pdf

Cell: A10
Comment: DEHTIARL:
This must match one of the monitoring locations found on the Cl sheet.

The closest free Cl monitoring site downstream of each process should be used.

Cell: A13
Comment: DEHTIARL:
This must match one of the monitoring locations found on the pH sheet.

The closest pH monitoring site upstream of each process should be used.
(Assuming pH values decrease through treatment)

	A	B	C	D	E	F	G
1		Minimum Free Chlorine Residual					
2	Mon. Location	Pretreatment	Intermediate	Plant Tap			
3	Other Value		0.25	1			
4	Oct-03						
5	Nov-03						
6	Dec-03						
7	Jan-04						
8	Feb-04						
9	Mar-04						
10	Apr-04						
11	May-04						
12	Jun-04						
13	Jul-04						
14	Aug-04						
15	Sep-04						
16	Oct-04						
17	Nov-04						
18	Dec-04						
19	Jan-05						
20	Feb-05						
21	Mar-05						
22	Apr-05						
23	May-05						
24	Jun-05						
25	Jul-05						
26	Aug-05						
27	Sep-05						
28							
29	Minimum =	0.00	0.25	1.00	0.00	0.00	0.00

	A	B	C	D	E
1		Maximum pH			
2	Mon. Location	Raw	Tap		
3	Other Value	9	9		
4	Oct-03				
5	Nov-03				
6	Dec-03				
7	Jan-04				
8	Feb-04				
9	Mar-04				
10	Apr-04				
11	May-04				
12	Jun-04				
13	Jul-04				
14	Aug-04				
15	Sep-04				
16	Oct-04				
17	Nov-04				
18	Dec-04				
19	Jan-05				
20	Feb-05				
21	Mar-05				
22	Apr-05				
23	May-05				
24	Jun-05				
25	Jul-05				
26	Aug-05				
27	Sep-05				
28					
29	Maximum =	9.00	9.00	0.00	0.00

	A	B	C	D	E	F	G	H	I	J	K	L
2		C*T Water Quality Parameters										
3												
4												
5												
6		Maximum pH					Minimum Free Chlorine Residual					
7	Mon. Location	Raw	Tap			Mon. Location	Pretreatment	Intermediate	Plant Tap			
8	Other Value	9	9			Other Value		0.25	1			
9	Oct-03					Oct-03						
10	Nov-03					Nov-03						
11	Dec-03					Dec-03						
12	Jan-04					Jan-04						
13	Feb-04					Feb-04						
14	Mar-04					Mar-04						
15	Apr-04					Apr-04						
16	May-04					May-04						
17	Jun-04					Jun-04						
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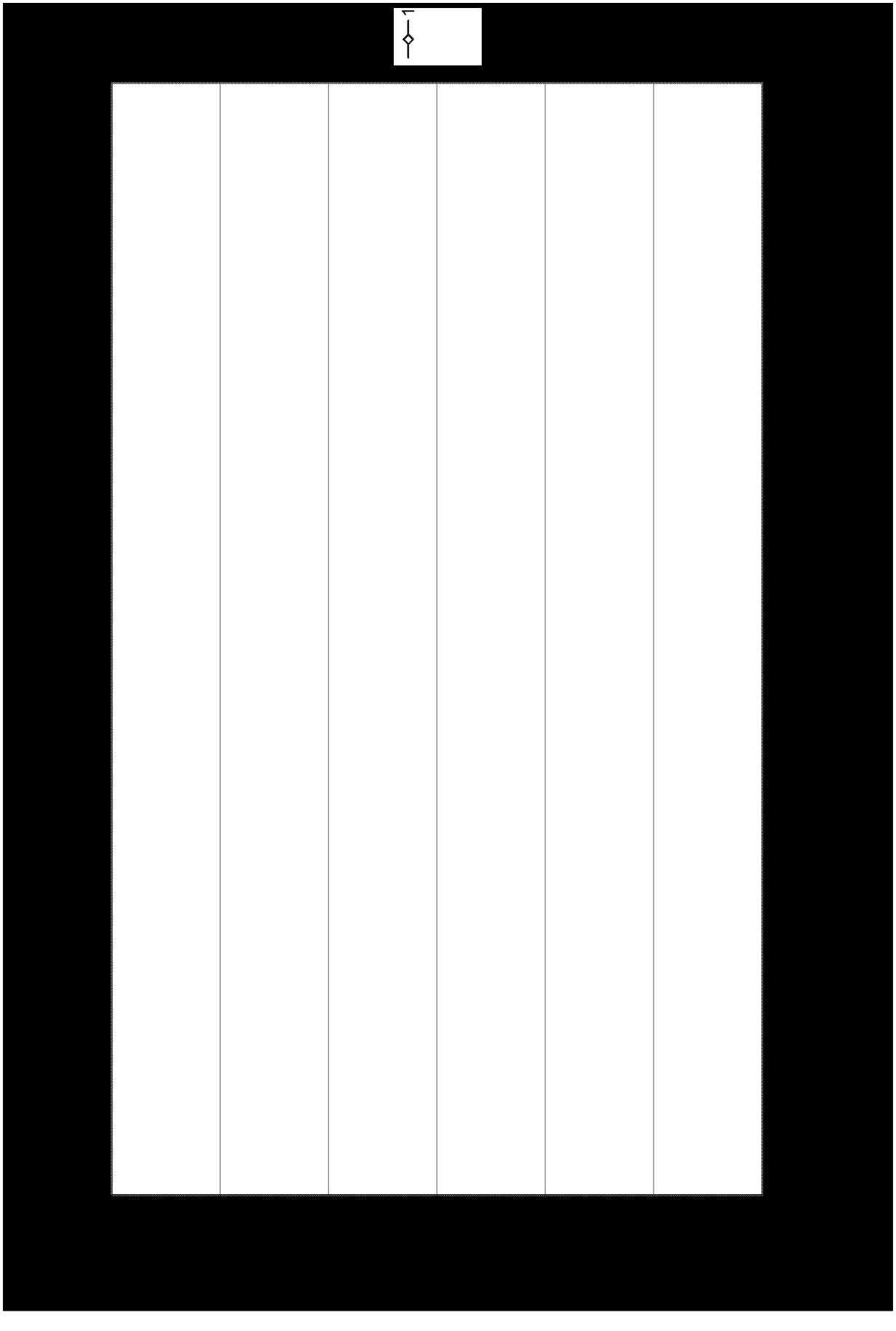
23	Dec-04					Dec-04						
24	Jan-05					Jan-05						
25	Feb-05					Feb-05						
26	Mar-05					Mar-05						
27	Apr-05					Apr-05						
28	May-05					May-05						
29	Jun-05					Jun-05						
30	Jul-05					Jul-05						
31	Aug-05					Aug-05						
32	Sep-05					Sep-05						
33												
34	Maximum =	9	9	0	0	Minimum =	0	0.25	1	0	0	0



	A	B	C	D	E	F	G	H
1		7.0	7.5	8.0	8.5	9.0		
2	0.4	65	79	92	110	130		pH
3	0.6	67	80	95	114	136		
4	0.8	68	82	98	113	141		
5	1	70	84	101	122	146		
6	1.2	72	86	104	125	150		
7	1.4	74	89	107	129	155		
8	1.6	75	91	110	132	159		
9	1.8	77	93	113	12	163		
10	2	79	95	115	129	167		
11	2.2	81	99	118	142	170		
12	2.4	82	99	120	145	174		
13	2.6	84	101	123	148	178		
14	2.8	86	103	125	151	181		
15	3	87	105	127	153	184		Values at 0.5 °C and 1 log inactivation
16								
17								
18		Free Chlorine Residual						

From: Ladouceur, Anita (DEQ)
Sent: Monday, October 06, 2014 9:18 AM
To: Prysby, Mike (DEQ)
Subject: FW: Email Inquiry
Attachments: Email Inquiry

Hi Mike:

This looks like it is for you.

Anita

From: deq-assist
Sent: Monday, October 06, 2014 9:13 AM
To: Ladouceur, Anita (DEQ)
Subject: FW: Email Inquiry

Good morning Anita,
Please review the attached customer email and respond at your earliest convenience or if another staff member is a more appropriate responder, then please forward.
Thank you for your continued assistance.
I greatly appreciate your support.

Tonya

Tonya Schelter, Department Analyst
Michigan Department of Environmental Quality
Office of Environmental Assistance
Environmental Assistance Center **1-800-662-9278**
517-284-6873
scheltert@michigan.gov
Deq-assist@michigan.gov

517-284-7272 SARA Title III Program Phone
Deq-sara@michigan.gov

Thanks for contacting our Department of Environmental Quality, Office of Environmental Assistance. To help us improve our services, we encourage you to complete our short customer service survey
https://www.surveymonkey.com/s/oeacs

Message

From: BadAddress [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B8ED0086C2434ADB873212588EF3C1E1-BADADDRESS]
Sent: 10/6/2014 2:40:57 AM
To: deq-assist [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3cd03be060024b8f9b9f909f90e55a32-deq-assist]
Subject: Email Inquiry

CompanyName: Proper Prose Consulting
FirstName: Lowana
LastName: Dumas
Email: twelfthdumas@gmail.com
DayPhone: 8103477684
AltPhone:
Address: 2615 Martin L King Ave
City: Flint
State: MI
ZipCode: 48505
County: Genesee
YourMessage: Hello, My mother and I are residents of City of Flint and there is a problem with the drinking water. It routinely smells like the sewer line has crossed into it, is colored instead of clear, and no longer smells like it has any chlorine in it at all. The city has had a problem with moving the water and issued three boil water advisories in 30 days. We did not find out about them because the announcement only went on the news instead of in an automated message and we don't have cable, so we don't generally watch TV. I am extremely concerned that the water is not clean when it actually reaches my home, irrespective of how clean it is when it leave the factory and I am not sure why this would be, since this was never a problem when the water was supplied by Detroit; it never smelled like the sewer and I could always smell the chlorine. Please advise.

Message

From: Hansen, Jeff [jrhansen@lan-inc.com]
Sent: 12/1/2014 9:17:53 PM
To: Prysby, Mike (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5db07892eaa740c09adbb62a79add8f4-Prysby Mike]; Busch, Stephen (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd27547c9c1a403a86507dc7f5702eba-Busch Stephen]; Cook, Pat (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e94b3b87b4d24cc097041f4e8e583d9a-Cook Pat]
CC: Brent Wright (bwright@cityofflint.com) [bwright@cityofflint.com]; Daugherty Johnson (djohnson@cityofflint.com) [djohnson@cityofflint.com]; hcroft@cityofflint.com; Green, Warren [jwgreen@lan-inc.com]; Matta, Samir [SFMatta@lan-inc.com]; mglasgow@cityofflint.com
Subject: Flint THM Operational Evaluation Report Draft
Attachments: Flint-TTHM-OER-DRAFT_toMDEQ.pdf

Mike,

In response to your letter dated 9/10/14 and our meeting on 11/07/14 please find attached a draft of the OER for your review and comment.

Jeffrey R. Hansen

Senior Project Manager

Lockwood, Andrews & Newnam, Inc.
A LEO A DALY COMPANY

1311 South Linden Road, Suite B • Flint, MI 48532

T 810.820.2682 **C** PPI

www.lan-inc.com • JRHansen@lan-inc.com

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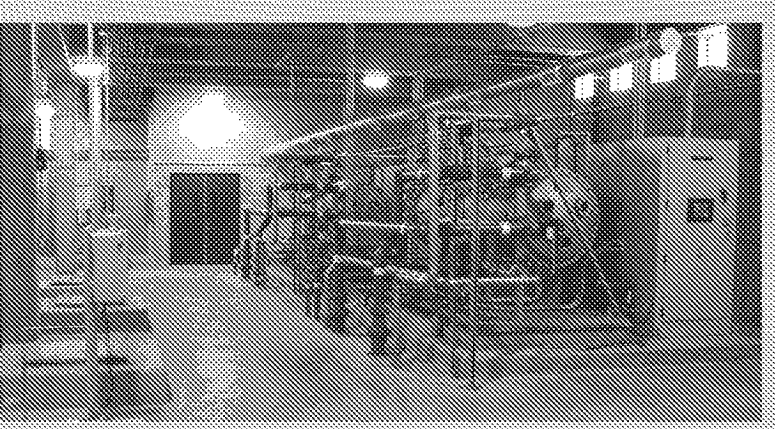
Operational Evaluation Report

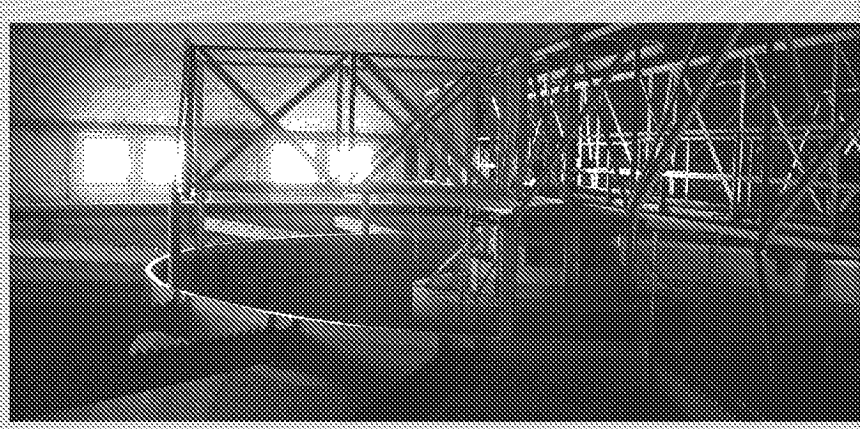
City of Flint

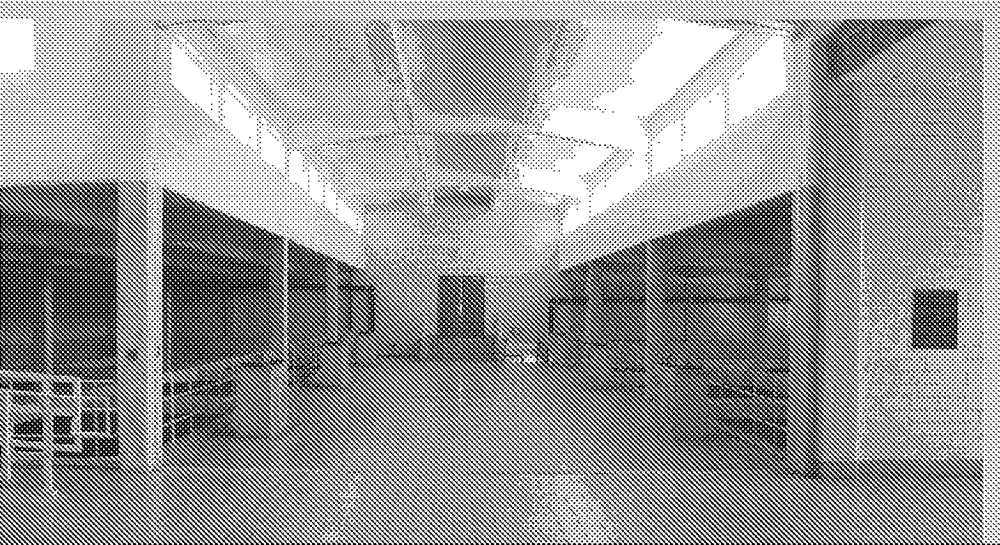
DRAFT

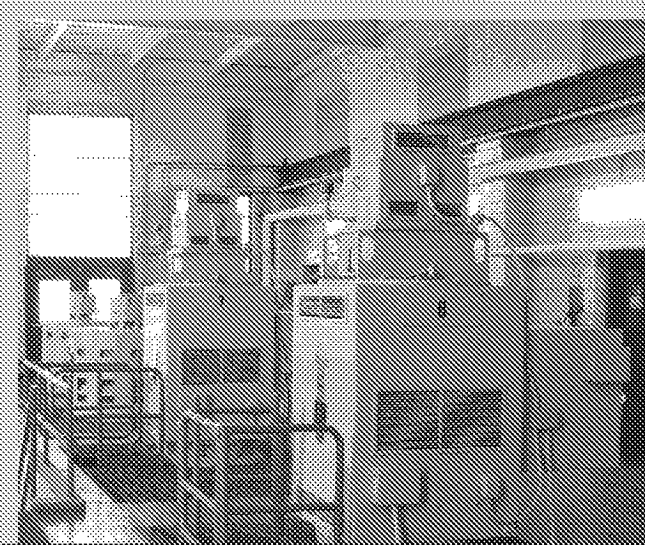
Trihalomethane Formation Concern

November 2014









Lockwood, Andrews & Newnam, Inc.
A LEO A DALY COMPANY

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EXECUTIVE SUMMARY

Environmental Protection Agency (EPA) and Michigan Department of Environmental Quality (MDEQ) regulations require that public water suppliers test drinking water quarterly throughout the distribution system for disinfectant by-products (DBP's). Two categories of DBP's, tri-halomethanes (THM) and halo-acetic acids (HAA5), are regulated and must be tested for. The City of Flint began operation of their water treatment plant (WTP) full time with the Flint River as the source on April 25, 2014. Since that time, two quarters of samples taken indicate that future violations are inevitable for total THM without some modifications to the water system. In response, the City hired Lockwood, Andrews & Newnam, Inc. (LAN) to complete this Operational Evaluation Report (OER) in conformance with EPA guidelines with the goal to determine the cause(s) of high levels of THM and evaluate possible solutions.

The EPA promulgated the Stage 2 Disinfectants and Disinfection By-Products Rule (DBPR) in January 2006 which set maximum contaminant levels (MCLs) for total trihalomethanes (TTHM) and HAA5 based on an annual running average, tested quarterly, for a given sampling location. The City of Flint reports levels from 8 sampling test locations. Of the two quarterly sampling cycles since Flint began operating the WTP full time, HAA5 levels have been acceptable but TTHM levels have been high at all 8 sampling sites.

According to the Stage 2 DBPR, the annual average value requires 3 quarters of sampling data with the most current period counting twice. Therefore, the City of Flint has not yet experienced a violation of the TTHM MCL because only 2 quarters of data have been obtained. However, levels recorded indicate the likelihood of an MCL exceedance later this year.

A number of issues have been identified as possibly contributing to the high THM levels measured.

1. Inefficient ozone system functionality which has resulted in increased chlorine feed.
2. Upstream influences in terms of increased chlorine demand.
3. Bypass stream around softening contributed to chlorine demand.
4. Unlined cast iron pipes in the distribution system contributing to chlorine demand.
5. Recirculating water in the distribution system due to less than ideal configuration of Cedar Street and West Side pump stations.
6. Broken valves resulting in stagnant water in some areas.
7. High chlorine demand in filters.
8. High THM formation potential (THMFP) in source water.
9. Less than optimal removal of THM precursors

ACTION PLAN

The City of Flint has signed an agreement with the Karegnondi Water Authority (KWA) to purchase raw water drawn from Lake Huron. The KWA system is currently under construction and expected to be operational by late 2016. The water supply from Lake Huron will have entirely different water quality characteristics from the Flint River and those characteristics are expected to yield drastically reduced DPB formation. With that, non-structural options to help reduce THM levels are much preferred over solutions requiring new construction. Therefore, two categories of actions have been devised: Stage 1 being actions that can be completed relatively quickly without major construction and Stage 2 consisting of either long term actions or solutions requiring major construction. The City has completed or intends to complete Stage 1 Actions by February 16, 2015, the week in which the next quarterly sampling is to be done. Stage 2 actions are to be implemented only if Stage 1

actions are ineffective in adequately reducing TTHM levels and therefore Stage 2 is contingent upon the outcome of Stage 1.

Stage 1 – Immediate Actions

- Hire ozone system manufacturer to troubleshoot ozone system
- Bench scale jar testing
  - Match existing process and access possible areas of improvement
  - Simulate potential modifications to treatment process
  - Evaluate coagulation and flocculation polymer aid feeds to assist with TOC removal
- WTP operational changes
  - Discontinue softening bypass stream to reduce chlorine demand
  - Disinfection of filter beds to reduce chlorine demand
  - Possibly begin coagulation and flocculation polymer aid feeds to assist with TOC removal depending on bench scale test results
- Increase water main flushing efforts to minimize stagnant water
- Water system modeling to identify areas with high water age and potential solutions
  - Cedar Street Pump Station potential recirculation
  - West Side Pump Station potential recirculation
  - Storage tank volume use
  - Possible broken closed valve locations
  - Locations in need of flushing
  - Lower high water levels in storage tanks

Stage 2 – Contingent Actions

- Fix ozone system
- Start feeding coagulation and flocculation polymer aids to lower TOC, if not completed in Stage 1
- Convert to lime and soda ash softening
- Change disinfectant to chloramine or chlorine dioxide until KWA
- Install pre-oxidant feed at intake to optimize ozone disinfection
- Implement advanced treatment for THM precursor removal
- Increased main flushing based on water modeling results
- Continue valve replacements with water model assistance
- Emphasize cast iron pipes on water main replacement priority list

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I. BACKGROUND

The City of Detroit Water and Sewer Department (DWSD) has historically provided drinking water for the City of Flint and Genesee County. In the late 1990's growing concern regarding the reliability of the DWSD supply prompted the City of Flint to upgrade their existing water treatment plant (WTP). Those improvements, defined as Phase I, were completed in 2005 and were intended to allow the Flint WTP to operate, using the Flint River as the source, for an extended period of time in the event that supply from the DWSD was temporarily interrupted. Additionally, the Phase I improvements set the stage for Flint to break free from dependence on the DWSD supply and water charges over which they had no control.

A. WATER SUPPLY TRANSITION

1. Detroit Water and Sewer Department (DWSD)

Until recently the Genesee County and Flint region had been provided drinking water by the DWSD. However, due to excessive cost increases and reliability issues with the DWSD system other options had to be explored.

2. Karegnondi Water Authority (KWA)

In 2010 the Karegnondi Water Authority (KWA) was formed for the purpose of developing a new water supply from Lake Huron to serve the region in lieu of the DWSD supply and the City of Flint elected to join. The KWA expects the new system which is currently being constructed to become operational in the fall of 2016.

3. Flint River – Interim Period

With a renewing water supply agreement between Flint and the DWSD being terminated by the DWSD (effective April 30, 2014) and the KWA system not expected to be operational until late 2016, the City of Flint decided to initiate operation of the existing WTP full time utilizing the Flint River as the interim water source. A variety of WTP improvements were necessary for the Flint plant to become a full time plant. For purposes of this report, Phase II improvements to the Flint WTP are improvements which have been made to allow the plant to operate full time with either the Flint River as the source or the KWA supply as the source.

B. TTHM PENDING VIOLATIONS

The calculation for determining if the MCL has been violated for TTHM is:

(2 x current quarter value + previous 2 quarter values) / 4

Flint has completed tests for 2 quarters and therefore has not violated an MCL limit to date. However, the third quarter of sample data is likely to provide MCL exceedances at all 8 sampling sites. Test results are tabulated below.

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TABLE 1 – 2014 DBP TEST RESULTS						
Sample Location	TTHM			HAA5		
	1st Qrt 5/21/14	2nd Qrt 8/21/14	3rd Qrt	1st Qrt 5/21/14	2nd Qrt 8/21/14	3rd Qrt
1) 3719 Davison - McDonalds	162.4	145.3		64	43	
2) 822 S. Dort Hwy - BP Gas Sta.	111.6	112.0		52	40	
3) 3302 S. Dort Hwy – Liquor Pal.	96.5	127.2		48	31	
4) 3606 Corunna – Taco Bell	106.4	181.3		55	24	
5) 2501 Flushing – Univ. Market	75.1	196.2		38	17	
6) 3216 MLK – Salem Housing	82.2	112.4		41	25	
7) 5018 Clio – Rite Aid	88.2	144.4		49	30	
8) 6204 N. Saginaw – N. Flint Auto	79.2	118.3		50	37	

TTHM MCL = 80 ug/l
HAA5 MCL = 60 ug/l

C. WATER TREATMENT PLANT RECENT IMPROVEMENTS & STATUS

1. Phase I WTP Improvements

Since 1965, the Flint WTP has remained a secondary or backup supply system to the DWSD primary supply. Typically the secondary supply for a public water system is expected to be needed only during emergency situations and normally is designed for short term operation such as providing the average daily demand for a few days. Conversely, Phase I improvements were designed with the intent to upgrade the Flint WTP in order to allow for an extended short term period (6 weeks) because of the perceived high risk that the DWSD supply would fail and remain out of service for an extended duration. Regardless, the Flint WTP was still intended to serve as a standby plant and as such the Phase I improvements lacked redundancies that would be required for a primary supply WTP.

2. Past Pilot Study & Testing

During design of the Phase I improvements a treatability study was completed by Alvord, Burdick & Howson, LLC (AB&H) in 2002. The Treatability Study evaluated the current treatment processes that are in place at the Flint WTP today with the Flint River as the source. The report recommended the following:

TABLE 2 – 2002 WTP TREATMENT RECOMMENDATIONS			
Treatment	Purpose	Point of Application	Dosage (mg/l)
Sodium permanganate	Zebra mussel control	Intake	0.3
Ozone	Taste & odor removal, disinfection	Diffusor basin	1.5
Ferric chloride	Coagulation	Rapid mix	40
Coag aid polymer	Turbidity & TOC removal	Rapid mix	2.0
Floc aid polymer	Turbidity & TOC removal	Floc basin	0.05
Lime	Softening	Softening basin	175
Soda ash	Softening	Softening basin	52
Carbon dioxide	pH adjustment	Recarb basin	37
Media filters	Filtration	Na	Na
Chlorine	Disinfection	Filter effluent	1.0

Of the recommended items, zebra mussel control, coagulant and flocculation polymer aids, and soda ash feed have not been incorporated into the treatment process.

3. Phase II WTP Improvements for Full Time Operation

Phase II WTP improvements are those needed to convert the Flint WTP from a back-up supply to a primary supply plant. A number of improvements have already been constructed as they were necessary to operate full time, treating water from the Flint River. The improvements under the title of Phase II that have been completed or are nearly complete include upgrades to the lime sludge lagoon, the lime sludge lagoon decant and disposal system, decant pump station and force main, installation of mid-point chlorination before filtration, and upgrade of the electric feed sub-station.

Additional improvements to the Flint WTP that are to be completed to become part of the normal treatment process using water supplied by the KWA are:

- New oxygen and nitrogen storage facilities for the ozone system (under construction)
- New coagulant feed system
- Electrical
  - Pump Station #4 upgrades (under construction)
  - SCADA and controls upgrades
  - Filter transfer pump station feeders
- Installation of the future raw water feed connection point for the KWA (under construction)
- Pump replacements and VFD installation in the low and high service pump station (under construction)
- Filter transfer pump station to Dort Reservoir
- Facility security improvements

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II. SOURCE WATER EVALUATION

A. DATA ANALYSIS

Based on past data collected and the 2002 Treatability Study by AB&H, the Flint River water quality varies seasonally with higher hardness and alkalinity experienced in the winter. Higher magnesium concentrations are also experienced in the winter, adding difficulty to the settling process due to neutrally buoyant floc. General water quality average characteristics recorded for the 2002 Treatability Study as compared with average characteristics recorded this year are shown in Table 3 below.

TABLE 3 – FLINT RIVER WATER QUALITY CHARACTERISTICS

Period	Turbidity NTU	TOC Mg/l	Alkalinity Mg/l	Hardness Mg/l as $CaCO_3$	pH	Total Col. Count/day
2001 Apr–Oct	7.9	9.4	215	272	8.1	870-1230 (7300 max)
2014 May–Oct	8.3	10.3 5/22/14	207	252	8.2	1900-9000 (48,300 max)

Other than total Coliform, the Flint River characteristics do not appear to have changed significantly over the past 10+ years. Note that further investigation by City staff revealed a sewer leak upstream of the plant that may have contributed to the total Coliform count. The leak was subsequently repaired.

B. CONCLUSIONS

Considering the minor changes in Flint River water quality, much of the information contained in the 2002 Treatability Study by AB&H remains relevant today. Data from that report assumed to be consistent today include the following:

- Flint River is influenced by groundwater from a dolomitic aquifer
- Hardness varies seasonally with higher hardness and alkalinity in the winter
- Hardness, alkalinity, magnesium concentrations tend to be reduced by run-off
- Total THMFP is likely 380-440 micrograms per liter as measured between April 2001 and January 2002. The City intends to re-test the raw water to confirm the THMFP has not changed. Results are pending.

In development of the 2002 Treatability Study, processes were simulated which resulted in low THMFP. Therefore, information contained in that report will be used to assist with establishing a baseline jar testing procedure as discussed further in Section III.

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III. TREATMENT PROCESS EVALUATION

A. EXISTING PROCESS DESCRIPTION

The existing WTP consists of an intake with screening from the Flint River, low lift pumping, ozonation, rapid mix, flocculation, settling, softening, recarbonation, filtration, storage and high service pumping. A process diagram is shown as Figure 1.

1. Intake

A 72" diameter pipe draws water from the Flint River through 2 traveling screens to the low lift pump structure. No chemicals are currently fed for Zebra mussel control or pre-oxidation as recommended by the 2002 Treatability Study. Manual removal of zebra mussels proved to be more economical than installation of chemical feed equipment considering the short term need.

2. Ozone

There are 2 ozone generators designed to provide adequate ozone for a WTP flow of up to 36 mgd. There are 3 ozone contact basins. The ozone generators were designed to produce 900 lbs/day at 10% concentration and up to 1300 lbs/day at 6% concentration each. Recent readings have indicated a production rate of approximately 700 lbs/day at 4% concentration. While serving the purposes of taste and odor control and disinfection, it is possible the current ozone feed might not be optimized to realize additional TOC removal benefits demonstrated by previous tests. Also, less than optimal ozonation has led to increased chlorine feed.

3. Rapid Mix

East and West rapid mix chambers allow chemical feed prior to the flocculation basins. Each rapid mix chamber is equipped with a 5 hp mixer.

4. Coagulation / Flocculation

The WTP contains two equally sized flocculation basins, east and west, and each basin provides tapered or gradually slowed mixing from inlet to outlet. There are fifteen 2 hp mixers for each basin with VFDs to control mixing speed. The 2002 Treatability study recommended feeding both coagulation and flocculation polymer aids. Neither polymer aid is being used today because turbidity and TOC removals have been sufficient to meet regulatory requirements.

5. Settling

Primary clarification takes place within 3 basins containing plate settlers. The settlers are operating as designed.

6. Softening

Again, there are two basins for softening: east and west. Each basin is 120' in diameter and contains a solids contact softening unit. Each softening basin/unit has a design capacity of 18 mgd. Low lift pumping limitations, flow control to the basins, and fluctuating demands have made it difficult for WTP staff to stabilize the softening process. Softening is accomplished by feeding lime. The decision was made by the City not to feed soda ash in order to remove non-carbonate hardness because acceptable hardness levels could be achieved with lime feed only and softening is short term until Lake Huron water becomes available.

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7. Recarbonation

Recarbonation for pH adjustment is accomplished in east and west recarbonation basins between and to the north of the softening basins. Carbon dioxide storage and feed equipment is located west of the recarbonation basins.

8. Filtration

Filtration is accomplished with 12 dual media filters, equally sized and designed to filter 3.0 mgd each. Media consists of 12″ of sand and 18″ of anthracite. The filters have been operated intermittently over the years due to the standby nature of the WTP and until recently, chlorine injection took place downstream of the filters. It is possible some microbial growth has developed in the filters.

9. Disinfection

Limited disinfection is provided by ozonation, but the primary form of disinfection is chlorine fed prior to filtration and prior to finish water storage / high service pumping. The intermediate chlorine injection location was recently constructed under the Phase II, Segment 1 contract.

10. Clear Well & Pumping

The pump building sits adjacent to a 3 MG clear well and contains both low and high service pumps.

B. JAR TESTS / EXPERIMENTS

1. Approach

There are several well practiced methods by which DBPs can be reduced. First, the disinfectant can be changed to an alternate that has a lower tendency to form DBPs. Second, additional treatment systems such as activated carbon or air stripping (depending on the nature of the precursors) can be added to remove DBP precursors. Lastly, the existing treatment processes can be optimized to remove as much DBP precursor as possible. Of these options, optimizing existing treatment processes is the only strategy that does not require the construction of new and expensive facilities. It is anticipated that Flint will be receiving Lake Huron water in approximately two years and this water will have a completely different chemistry from the Flint River. Major process changes instituted to address THM levels using Flint River water are likely to be unnecessary for Lake Huron water and may even be inappropriate. Therefore, those options which require addition of new treatment processes are undesirable at this time. In recognition of this upcoming change in water source, this study will concentrate on improving the existing processes, rather than adding new ones. New treatment processes will only be recommended if operational changes to the existing treatment train prove ineffective.

Recent sample test results suggest that most of the DBPs are formed in the distribution system rather than within the treatment plant. Therefore, the most logical approach is to reduce the DBP formation potential (DBPFP) rather than simply lowering the levels of DBPs leaving the plant. During bench scale testing, formation potential (FP) levels will be the primary indicator of success or failure of any proposed process modifications.

2. Protocol

Bench scale pilot testing is intended to reflect actual plant operating and hydraulic conditions so the bench scale treatment units will be sized based on various dimensionless factors to ensure the pilot treatment matches the actual system. Bench scale ozonation is not practical due to time and cost limitations. Therefore, water

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samples will be withdrawn following the plant ozone basin. These samples will be transported to the laboratory where they will be dispensed into square testing jars. The jars will act as rapid mix, three-stage flocculation, and settling. Rapid mix and flocculation conditions will be matched to the plant based on "Gt" values. The "G" value is a measure of the mixing intensity and is a function of mix time, viscosity of the liquid, and mixing power applied to the water. "Gt" then, is a size scaling factor where time has been accounted for. Settling time will be scaled to match the shorter settling depth of the testing jars. After settling, samples will be decanted from the test jars. The decanted samples will then be lime softened; softening conditions will be similarly matched on the basis of "Gt". Fluoride will be added and carbon dioxide sparged into the samples to reduce the pH. The water will then be vacuum filtered through filter paper, sized to simulate the plant's dual media filters. The samples will be dosed with excess chlorine and allowed to react for seven days before testing for DBPs to determine the formation potential.

Although these conditions may be refined based on new information, we anticipate the following:

TABLE 4 – BENCH SCALE TEST MIXING INTENSITIES

Process	G	Duration
Ozonation	Plant	-
Rapid Mix	350	25 sec
Flocculation, Stage 1	50	9 min
Flocculation, Stage 1	25	9 min
Flocculation, Stage 1	12	9 min
Settling	na	10 min
Softening	JBD	10 min
Recarbonation	na	na

It is expected that the primary variables during the testing will be chemical additions and chemical dosages. Specific chemicals and dosages used for initial testing conditions will be selected to reflect current plant usage and the recommendations of the 2002 Treatability Study.

TABLE 5 – BENCH SCALE TEST CHEMICAL FEED RATES

Chemical	Current Usage	2002 Study
Ozonation	4.66 mg/l	1.5 mg/l
Ferric Chloride	7.7 mg/l	40 mg/l
Coagulant Aid Polymer	Not used	2.0 mg/l
Flocculation Aid Polymer	Not used	0.05 mg/l
Lime	120 mg/l	175 mg/l
Soda Ash	Not used	52 mg/l
Cationic Softening Polymer	3.13 mg/l	Not used
Anionic Softening Polymer	0.88 mg/l	Not used
Fluoride	0.45 mg/l	1 mg/l
Carbon Dioxide	32 mg/l	37 mg/l
Chlorine	6.3 mg/l	1 mg/l

3. Considerations

The 2002 Treatability Study did not note significant formation of DBPs. This may be a function of different Flint River water chemistry at that time. However, recognizing the considerable differences in chemical usage and dosages between that study and current operations, those differences in chemical use and dosage are an obvious starting point for optimizing treatment to prevent DBP limit exceedance.

Although it is believed that optimization of current treatment can correct the DBP issue, should optimization of present treatment prove insufficient, alternate residual disinfectants (chloramines and chlorine dioxide) will be investigated as additional treatment measures.

4. Results

[To be completed following jar testing and experimentation]

5. Conclusions

[To be completed following jar testing and experimentation]

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IV. DISTRIBUTION SYSTEM EVALUATION

EPA guidance for the distribution evaluation portion of an OER is focused on identification and isolation of a specific portion of the distribution system that led to the exceedance. The circumstances of Flint's apparent pending TTHM exeedances are unusual in that a new supply has been implemented which clearly corresponds to the high TTHM sample results. Despite obvious implications to the primary cause of increased TTHM levels, value remains in evaluating the distribution system as there may still be distribution improvements that can be made to help alleviate the problem.

Evaluation of the distribution system, including modeling, was recently added to LAN's scope of services. When finished, information will be provided to complete the following topics in this section.

A. INFRASTRUCTURE

1. Piping

According to the most recent MDEQ Sanitary Survey, the distribution system is estimated to contain 70% cast iron, 20% ductile iron, 2% concrete and 8% steel water mains. Unlined cast iron pipe can become pitted, allowing colonization sites for microorganisms leading to chlorine demand. Additionally, much of the piping in the system is aged and in poor condition. Increased chlorine demand could be resulting from biofilm in older pipes and from main breaks/repairs.

The City utilizes City Point software and GPS equipment to document main breaks and prioritize replacements. Areas that have been targeted for main replacements include Fenton Road, Atherton Road, Dort Highway, Averil Street, and Boulevard Drive. The extent of contribution is not known but any water main replacement project will contribute to decreasing chlorine demand somewhat if constructed properly.

2. Storage

[To be completed]

- *Appropriate capacity*
- *Mixing, baffling, other provided to prevent stagnant water*
- *Condition*

3. Pump Stations

[To be completed]

- *Condition*
- *Pump capacity evaluation*
- *Valve condition and pressure zones*

B. OPERATIONS AND MAINTENANCE

1. Pump Station & Storage Operations

[To be completed]

- *Control of pressure districts*
- *WTP Pump Station (No. 4)*
- *Cedar Street Pump Station*
- *Westside Pump Station*

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- *Torrey Road Pump Station*
- *High and low levels in tanks*

2. Booster Disinfection Practices

Booster disinfection is provided at the Cedar Street and Westside pump stations. Sodium hypochlorite is applied while the reservoirs are being filled.

3. Changes in System Demands

[To be competed]

- *Long term decline in demands*
- *Short term fluctuations – max day in winter due to high volume of main breaks*

C. WATER SYSTEM HYDRAULIC MODELING

[To be completed]

1. Simulation of Existing System

Match existing conditions, particularly chlorine residual. We have chlorine feed data at plant and residuals at 10 locations in each MOR, May-October.

2. Identification of Deficiencies

Specific issues to look at:

Worst case at minimum daily demands
Water age in entire system
Recirculating water through pump stations
Use of storage tanks
Indications of broken valves
Effectiveness of booster disinfection

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V. RECOMMENDATIONS TO MINIMIZE FUTURE OEL EXCEEDANCES

A. SOURCE

The City of Flint has already committed to the change from the Flint River as the water source to Lake Huron under the KWA system, planned for late 2016. The risk of future TTHM limit violations will decline substantially with the use of water from Lake Huron due to much lower DBP precursors. It is important to recognize that the Flint River will become strictly an emergency supply when the KWA supply becomes available and any investments toward the Flint River should be contemplated accordingly. Recommendations discussed below in this section apply to the Flint River as the source.

Reverting to supply from the DWSD until the KWA supply is available as an option. However, the DWSD has stipulated that a $4 million connection fee would apply and current water rates would include approximately $900,000 / month flat fee plus usage charges. Therefore, utilizing the DWSD for interim supply is cost prohibitive under the terms defined by the DWSD.

1. Watershed Management

A volunteer group entitled the Watershed Coalition performs various tasks related to managing the Flint River watershed such as spring cleanups and annual benthic studies to evaluate the river 'health'. No additional action is recommended at this time.

2. Monitoring

The City documents typical raw water characteristics as part of standard preparation of Monthly Operating Reports (MOR). No changes are recommended at this time.

3. Intake Operations

The 2002 Treatability Study recommended pre-oxidation in the form of sodium permanganate as a feed at the intake. However, pre-oxidation with sodium permanganate is unlikely to provide significant oxidizing of organics beyond that provided by ozonation. It is possible the addition of hydrogen peroxide would enhance the ozone process.

4. Seasonal Strategies

Past data indicates the Flint River is influenced by groundwater and in particular, dolomitic spring water. The result is hard water with high concentrations of magnesium and sulfate. Also, hardness and alkalinity are higher during the winter. Upon initiation of supply from the Flint River, the City made the decision to soften with lime only to focus on removal of carbonate hardness. One potential modification that could assist with TOC removal and thus decrease THMFP would be lime and soda ash softening. If implemented soon, the procedural change would be timely as it would also address increased hardness expected going into this winter.

5. Upstream Contamination Issues

Upstream contamination issues are extremely difficult to prevent and even if detected are difficult to locate. Evaluation of raw water data collected for MORs is the easiest manner in which to detect upstream contamination issues because the data is already collected for treatment purposes. In fact, high total Coliform readings signaled a potential issue recently that the City identified and removed.

An upstream monitoring and warning system could be established to attempt to detect spill event type contamination early enough to cease intake prior to the

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contamination reaching the WTP. However, given the imminent conversion to the KWA supply, the period of full time use would likely be far too short to achieve payback on the capital expenditures.

B. TREATMENT PROCESS

1. Operational Recommendations

- Coagulation and flocculation polymer aids: The 2002 Treatability Study suggested the use of coagulation and flocculation polymer aids. These polymer aids were shown in the 2002 Treatability Study to increase TOC removal and thereby reduce THMFP. Further evaluation will be completed during jar testing.
- Discontinue softening bypass: The City was previously bypassing a portion of flow around the softening basins because hardness levels did not warrant softening of the full stream. However, this practice was discontinued because it was believed the bypass stream was contributing to chlorine demand and preliminary data has supported that belief. Chlorine demand dropped 0.5 – 1.0 mg/l following elimination of the bypass stream in early November 2014.
- Soften with lime and soda ash: Research has shown that enhanced softening with both lime and soda ash may provide additional TOC removal. The efficacy of this option will be evaluated during jar testing.
- Disinfection of filter beds: In case there has been microbial growth it is recommended the filters be 'shock' treated with chlorine and rinsed. A chlorine injection point was added upstream of the filters during the first segment of Phase II so future growth in the filters should not be an issue.
- Optimization of all existing treatment processes: Depending on bench scale testing conditions and results, slight modifications to all treatment processes might in order to replicate lower DPBFP.

2. Infrastructure Change Recommendations

- Fix and/or replace faulty ozone equipment: Since the ozone equipment was installed it has not been used extensively so the hope is that major components remain in good condition and the system can be easily modified to restore proper functionality. The City has scheduled the equipment manufacturer to field inspect the system on December 15, 2014.
- Change disinfectant to chloramine or chlorine dioxide: If other options prove to be ineffective, conversion to another disinfectant should be fully evaluated. Various characteristics of chloramination indicate an advantage over chlorine dioxide, but a full analysis would provide clarity as to which would be preferred.
- Install pre-oxidant chemical feed: Hydrogen peroxide as a pre-oxidant can enhance the activity of the ozone. This option is listed as a consideration only if problems continue with ozonation.
- Repair upstream sewer leak: a sewer leak upstream of the WTP intake was discovered and has already been repaired by the City.

C. DISTRIBUTION SYSTEM

Recommendations will be incorporated into this report when available. It is anticipated details will be provided for the following topics. [To be completed]

1. ***Manage Water Age***
   a) ***Storage Tanks***
   b) ***Residence Time in Pipes***

2. ***Reduce Disinfectant Demand***
   a) ***Flushing***
   b) ***Cast Iron Pipes***

3. ***Water Modeling of Recommendations***

Determine best flushing locations to reduce water age
Changes to storage tank operating levels to reduce water age
Valves to close/add to improve pressure zones, reduce recirculation
Optimization of pump station use – smaller pumps? Shut down?
Evaluate booster disinfection

A number of actions have already been taken in terms of the distribution system. Water main flushing efforts were increased until late November when freezing weather became prevalent. Also, numerous valves that were broken in the closed position and believed to have been contributing to stagnant water were replaced.

D. BOOSTER DISINFECTION

Decreasing chlorine feed at the WTP and adding booster disinfection in the distribution system is an alternative intended to reduce the reaction time at higher concentrations of chlorine to reduce DPB formation. Extensive looping and branching within the existing system complicate how to best implement and utilize booster disinfection. Water system modeling is recommended to determine the most effective feed point locations and dosages. Further discussion and details will be provided when the distribution evaluation results are available.

E. CATEGORIZATION OF ACTIONS

Considering that the Flint River is being used as the water source only until the KWA supply is available (expected late 2016), options to address high THM formation that require new construction or extensive time to implement are not preferred. On the other hand, the City understands THM sample results to date dictate that some action is necessary. Two categories have been developed to assist the City in prioritizing actions to take. Stage 1 consists of actions that can be completed relatively quickly without major construction and Stage 2 actions are either long term actions or solutions requiring major construction. Stage 1 actions are to be completed first followed by evaluation of the results prior to consideration of Stage 2 actions. Grouping of actions are shown in the table below.

TABLE 6 – ACTION PLAN		
	Action	**Purpose**
Stage 1	Troubleshoot ozone feed system	Reduce chlorine feed and increase TOC removal
	Bench scale jar testing	Optimize treatment process and evaluate possible modifications
	Discontinue softening bypass	Reduce chlorine demand
	Disinfect filters	Reduce chlorine demand
	Increased water main flushing	Reduce water age / stagnant water
	Water system modeling evaluation	Determine areas with high water age and reasons
	Implement coag. & floc. polymer aids, if appropriate	Increase TOC removal
	Modify booster disinfection feeds, if appropriate	Decrease water age
Stage 2	Repair ozone system	Reduce chlorine feed and increase TOC removal
	Continue increased water main flushing	Reduce water age / stagnant water
	Convert to lime and soda ash softening	Increase TOC removal
	Continue valve replacements based on water model	Reduce water age / stagnant water
	Change disinfectant to chlorine dioxide	Reduce THMFP
	Install pre-oxidant feed at intake	Optimize ozone disinfection, reduce chlorine
	Place priority on replacing cast iron water mains	Reduce chlorine demand

Samples were taken the week of November 17th for the 3rd quarter of testing. Although the City has begun implementation of Stage 1 actions, THM results are not expected to be noticeably affected since there has not been enough time for a response. The next quarter of sampling is due to be completed the third week in February. It is the City's intent to implement Stage 1 actions prior to the 3rd quarter of THM sampling.

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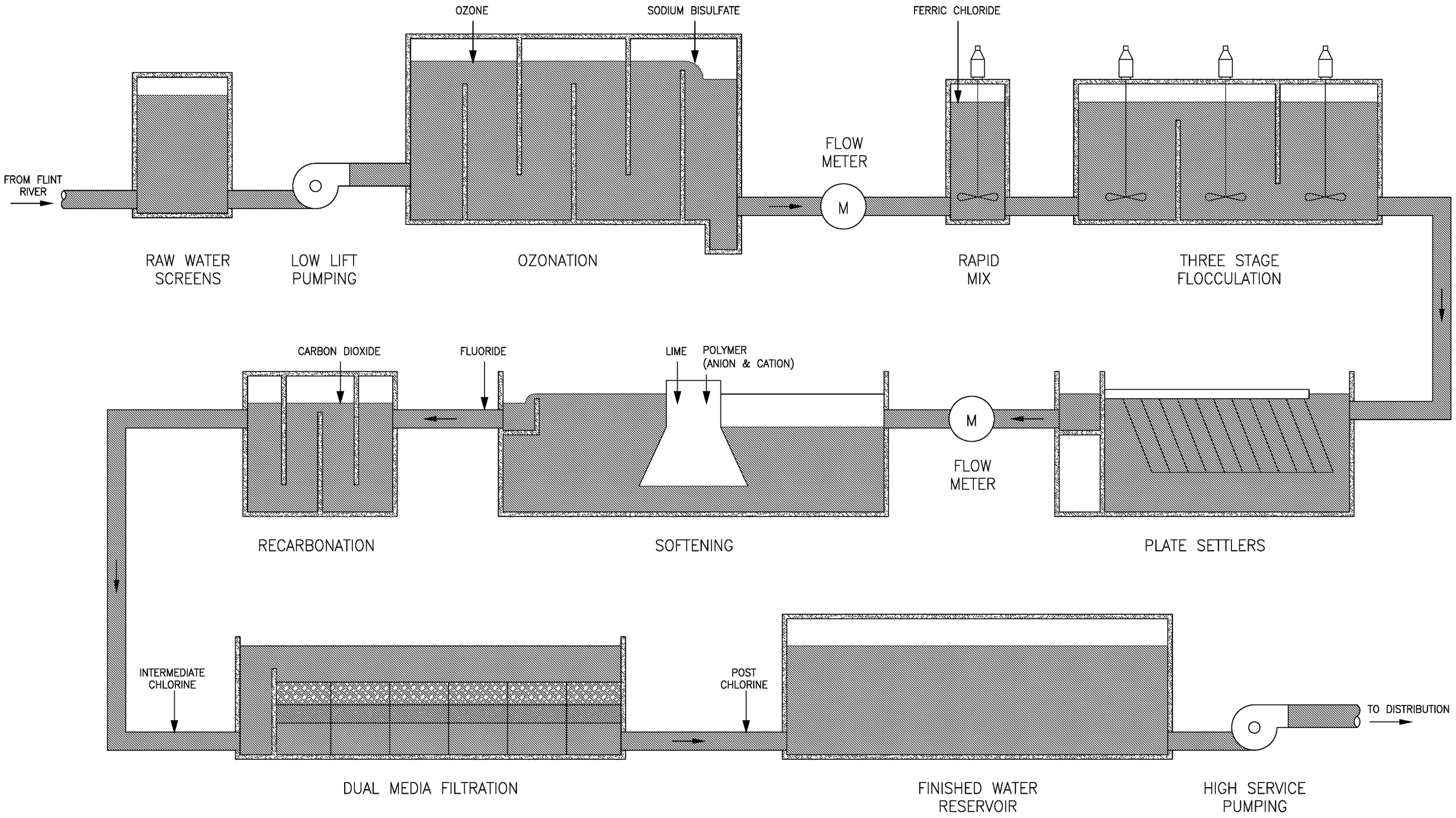

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Genesee County

Lockwood, Andrews & Newnam, Inc.
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www.lan-inc.com

CITY OF FLINT
WATER TREATMENT PLANT

REVISIONS			FILE LOG	
NO.	DESCRIPTION	DATE	ACTIVITY	BY
			Manager	JWG
			Design	
			Drawn	JRH
			Check	JRH

WATER TREATMENT PLANT
PROCESS DIAGRAM

Project No. 130-10701-001
Date Nov. 21, 2014
Sheet
FIG 1

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From: Matt Raysin <M_RAYSIN@gcdcwws.com>
Sent: Tuesday, June 24, 2014 6:05 PM
To: Gotham, Daryl (DEQ);Prysby, Mike (DEQ)
Cc: Bloemker, Jon (DEQ);Busch, Stephen (DEQ);Osborn, Larry (LOSBORN@wadetrim.com);John O'Malia;Elgar Brown (cbrownbear@broadstripe.net);Mike Winegard;Ed Tharp (Ed.Tharp@aecom.com)
Subject: RE: Contract S-4002 100% and S-4003 90% Submttals - MDEQ comments
Attachments: 02513 Steel Pipe_REV3 pg 15-16.pdf; awwa C-604.pdf

I would like to revisit the conversation this morning regarding the pressure test. The new leakage method based on AWWA 604-11 the 66" pipe would allow 55 gal/mile leakage in a 2 hour period. The current specified method in section 02315 would allow roughly 0.2 gal/mile leakage in a 2 hour period depending on the pressure (150 to 350 psi) and the(J) number of joints 1 per mile to 12 per mile (welded joints do not count so only the valves count on the 66" line, but if you count the hydrants, and air release valves, which are not normally counted, it could be 6-12 per mile depending on the section). Note that you would have to have about 165 joints per mile (an average of 1 joint every 32 feet) @ 350 psi to equal the 55 gal per 2 hours allowed by the new formula. For 150 psi, it would have to have the equivalent of 252 joints per mile to get the 55 gal leakage in 2 hours that is allowed by the new method. The current specification indicates to test at the pressure equal to the pressure class listed on the drawings, where the new version would say test at no more than 125% of the working pressured. The working pressure is not defined anywhere so is that the pressure class of the pipe, or the pressure within the pipe that is expected during operation?

The 60" would be somewhat similar to the 66", except the pressures would be lower on the 60" pipe.

With that being said will the MDEQ allow the current specifications to remain or do we need to still reference AWWA 604-11 for testing even though the allowable leakage is well above what we are allowing.

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Sent: Thursday, June 19, 2014 3:34 PM
To: Prysby, Mike (DEQ); Osborn, Larry (LOSBORN@wadetrim.com); John O'Malia; Elgar Brown (cbrownbear@broadstripe.net); Matt Raysin
Cc: Bloemker, Jon (DEQ); Busch, Stephen (DEQ)
Subject: Contract S-4002 100% and S-4003 90% Submttals - MDEQ comments

We've completed the review of both projects and the only significant issues that resulted were the Leakage Test formulas that Mike Prysby identified in his review of S-4005. When the corrected specs are received, I am prepared to issue the permit for S-4002. If I have them by early afternoon on Monday, June 23rd, I can bring the permitted plans and specifications to the June 24th meeting. I'm willing to replace the corrected section of the spec into the previously submitted specs if that is easier. Emailing them to me would be fine.

Thanks,

Daryl J. Gotham, P.E.
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Office of Drinking Water & Municipal Assistance
Saginaw-Bay District Office
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weekly basis. All quality control tests conducted by the manufacturer for each production run of pipe shall be submitted to the Engineer on a weekly basis.

2. Welding Reports for each field welded joint shall be submitted to Engineer on a daily basis. The Welding Report shall include: weld joint station number based on the record drawings; date of weld; welder's name and signature; and actual weld size at four quadrants of pipe and total number of weld passes.
3. When a section of pipe and appurtenances has been completed and bedding materials is in place, provide the appliances, facilities, and water required for performing the specified pressure and leakage tests, as well as deflection testing.
4. After testing is complete drain the pipeline without injury to the work or surrounding area.
5. Contractor will be required to fully uncover a total of ten (10) joints, selected at random by the Engineer, so that the Engineer can visually inspect joints after welding from the pipe interior to verify integrity of welding and joint coating. Additional joints may be required to be uncovered, without limit, if problems are observed at the uncovered joints.

B. Pressure Test:
1. Subject all newly laid pipe or any valved sections of it to a hydrostatic pressure equal to the pipe pressure as indicated on the Contract Drawings.
   a. Test Duration: 2 hours minimum, 6 hours maximum.
   b. Slowly fill each section with potable water.
   c. Expel all air from the pipe by means of taps at the highest elevations.
   d. Plug the taps.
   e. Remove and replace any cracked or defective pipe discovered during test.
   f. The test pressure must hold for the duration of the test.
   g. Repeat the pressure test until satisfactory.
   h. Provide pipe manufacturer's test plugs or proper size and number, of adequate thickness with proper ribbing and stiffening for test pressures specified.
   i. Pressure testing may be done in conjunction with the leakage testing.

C. Leakage Test:
1. After completion of the pressure test, conduct a leakage test to determine the quantity of water lost under the specified leakage test pressure.
   a. Leakage test pressure is the maximum operating pressure of the section under test and is based on the elevation of the test gauge.
   b. Duration of each leakage test: Minimum of 2 hours in addition to the pressure test period.
2. Allowable leakage in gal/hr for pipelines: Not greater than that determined as follows:

   Allowable Leakage (Gal/Hr) = (J X D X Sqrt (P)) / 7400

   Where:

   J is the total Number of flanged, gasket, or push-on joints in tested length (excluding welded joints).

   D is the Pipe diameter in inches.

   P is the Average test pressure in psig.

Sqrt is the Square root operator.

3. Leakage is defined as the quantity of water supplied in the newly laid pipe or any valved section under test that is necessary to maintain the specified leakage test pressure after the pipe has been filled with potable or raw water and the air expelled.
4. All visible leaks are to be repaired regardless of the amount of leakage.
5. When leakage testing is performed against closed sectioning valves, the test shall be performed on each side of the valves independently.
6. Leakage testing may be done concurrently with the pressure testing.

D. Deflection Testing and Report:
1. After completion of construction and backfilling, prior to pressure and leakage testing, deflection testing is required for each pipe segment.
   a. Maximum allowable internal deflection is 3 percent (pipe out of round).
   b. A deflection testing report is required for each pipe section identified by the corresponding pipe section listed in the approved lay schedule or according to the record drawings.
   c. Failure to pass the deflection testing will require reworking of the pipe bedding, backfill and compaction at no cost to the Owner. Severe violations, as determined solely by the Engineer/Owner shall require removal and replacement of the unsatisfactory piping at no cost to the owner.

E. Weld Testing Report:
1. After completion of welding, prior to pressure and leakage testing, an inspection report of each field weld, for both the inside and the outside of the pipe at the weld, is required where any field welding has occurred (restrained joints, access manholes, etc.)
   a. The location of the weld is to be indicated by the corresponding pipe section listed in the approved lay schedule and/or stationing according to the record drawings.
   b. The report shall have the information for both the inside and the outside of each particular weld coordinated such that they both are located together in the report.
   c. A photograph of each weld location is to be included in the report with the date, and location indicated by the corresponding pipe section listed in the approved lay schedule and/or stationing according to the record drawings.

F. Exterior Joint Protection or Pipe Repair Report:
1. After completion of shrink wrapping each welded joint or exterior pipe repair, prior to backfilling, an exterior inspection report of each joint protection and repair is required.
   a. The location of the joint (or repair area) is to be indicated by the corresponding pipe section listed in the approved lay schedule and/or stationing according to the record drawings.
   b. A photograph of each joint or repair location is to be included in the report with the date, and location indicated by the corresponding pipe section listed in the approved lay schedule and/or stationing according to the record drawings.

ANSI/AWWA C604-11
(Revision of ANSI/AWWA C604-06)

American Water Works Association

The Authoritative Resource on Safe Water®

AWWA Standard

Installation of Buried Steel Water Pipe— 4 In. (100 mm) and Larger

Effective date: Aug. 1, 2011.
First edition approved by AWWA Board of Directors Feb. 12, 2006.
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Approved by American National Standards Institute May 19, 2011.

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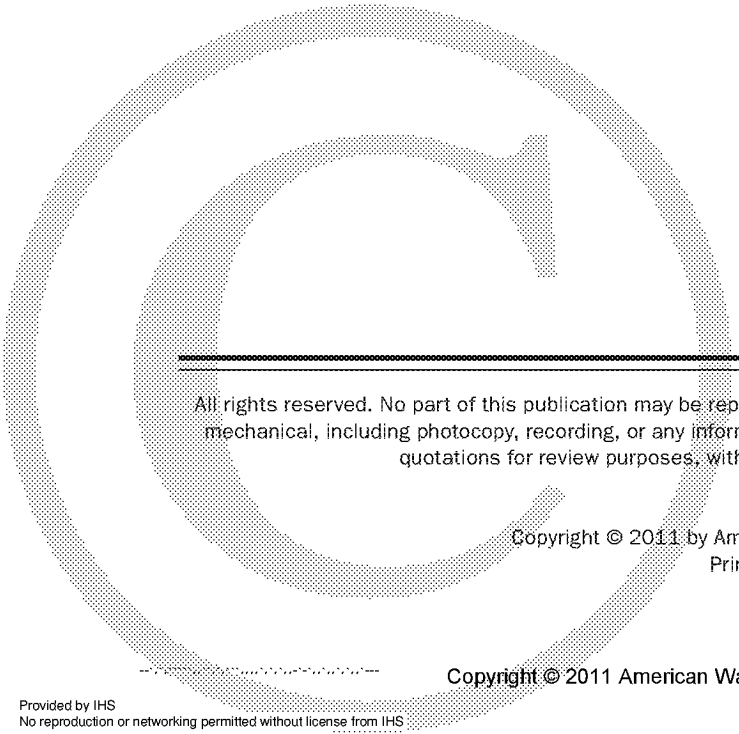

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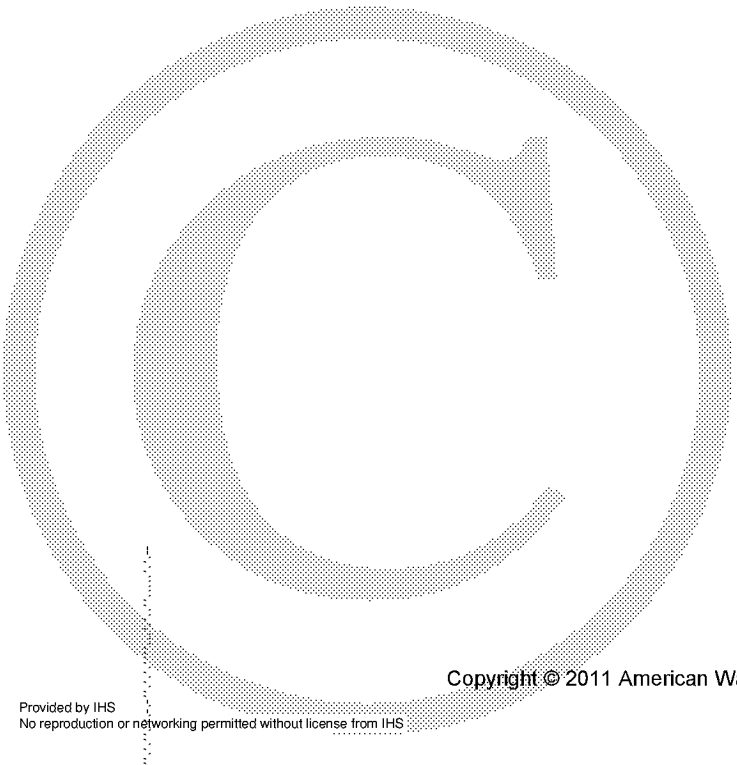

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Foreword

This foreword is for information only and is not a part of ANSI/AWWA C604.*

I. Introduction.

I.A. *History.* This standard pertains to the in-ground installation of steel pipelines for use in the distribution and transmission of water, air, and other products in water system facilities. It has been prepared by the AWWA Standards Committee on Steel Pipe, initially formed as Committee A7A in 1939. At that time, the Steel Water Pipe Manufacturers Technical Advisory Committee was organized as a subsidiary group to function as a source of technical information for the parent committee. Committee A7A and its successors, Committee 8310D and the AWWA Standards Committee on Steel Pipe, have assumed responsibility for all AWWA standards and manuals pertaining to steel pipe, fittings, linings and coatings, field installations, and related items.

In 1996 the AWWA Standards Council directed the Standards Committee on Steel Pipe to develop a standard for the installation of steel pipelines and their appurtenances used in water treatment or conveying facilities. The first edition of AWWA C604 was approved by the AWWA Board of Directors on Feb. 12, 2006. This second edition was approved on Jan. 23, 2011.

I.B. *Discussion.* ANSI/AWWA C604 includes all types of steel pipe 4 in. (100 mm) in diameter and larger typically used in the water industry, regardless of pipe manufacturing source. With adequate quality assurance, pipe manufactured in a fabricator's shop or in a steel-pipe mill is suitable for water utility service. Pipe produced in a fabricator's shop or pipe mill for installation in accordance with ANSI/AWWA C604 shall meet the stringent design, quality control, and testing requirements of AWWA Manual M11 and ANSI/AWWA C200. Shop and mill-fabricated pipe made from materials and in accordance with the quality control measures stipulated in AWWA Manual M11 and ANSI/AWWA C200 will ensure fabricated pipe of high quality.

I.C. *Acceptance.* In May 1985, the US Environmental Protection Agency (USEPA) entered into a cooperative agreement with a consortium led by NSF International (NSF)† to develop voluntary third-party consensus standards and a

* American National Standards Institute, 25 West 43rd Street, Fourth Floor, New York, NY 10036.
† NSF International, 789 North Dixboro Road, Ann Arbor, MI 48105.

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certification program for direct and indirect drinking water additives. Other members of the original consortium included the American Water Works Association Research Foundation (AwwaRF, now Water Research Foundation*) and the Conference of State Health and Environmental Managers (COSHEM). The American Water Works Association (AWWA) and the Association of State Drinking Water Administrators (ASDWA) joined later.

In the United States, authority to regulate products for use in, or in contact with, drinking water rests with individual states.† Local agencies may choose to impose requirements more stringent than those required by the state. To evaluate the health effects of products and drinking water additives from such products, state and local agencies may use various references, including

1. An advisory program formerly administered by USEPA, Office of Drinking Water, discontinued on Apr. 7, 1990.
2. Specific policies of the state or local agency.
3. Two standards developed under the direction of NSF, NSF/ANSI 60, Drinking Water Treatment Chemicals—Health Effects, and NSF/ANSI 61, Drinking Water System Components—Health Effects.
4. Other references, including AWWA standards, *Food Chemicals Codex*, *Water Chemicals Codex*,‡ and other standards considered appropriate by the state or local agency.

Various certification organizations may be involved in certifying products in accordance with NSF/ANSI 61. Individual states or local agencies have authority to accept or accredit certification organizations within their jurisdiction. Accreditation of certification organizations may vary from jurisdiction to jurisdiction.

Annex A, "Toxicology Review and Evaluation Procedures," to NSF/ANSI 61 does not stipulate a maximum allowable level (MAL) of a contaminant for substances not regulated by a USEPA final maximum contaminant level (MCL). The MALs of an unspecified list of "unregulated contaminants" are based on toxicity testing guidelines (noncarcinogens) and risk characterization methodology (carcinogens). Use of Annex A procedures may not always be identical, depending on the certifier.

---

* Water Research Foundation, 6666 W. Quincy Ave., Denver, CO 80235.

† Persons outside the United States should contact the appropriate authority having jurisdiction.

‡ Both publications available from National Academy of Sciences, 500 Fifth Street, NW, Washington, DC 20001.

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ANSI/AWWA C604 does not address additives requirements. Thus, users of this standard should consult the appropriate state or local agency having jurisdiction in order to

1. Determine additives requirements, including applicable standards.
2. Determine the status of certifications by parties offering to certify products for contact with, or treatment of, drinking water.
3. Determine current information on product certification.

II. Special Issues.

II.A. *Application.* ANSI/AWWA C604, Standard for Installation of Buried Steel Water Pipe—4 In. (100 mm) and Larger, can be used as a reference when making extensions to existing distribution or transmission systems or when constructing new distribution or transmission systems using steel pipe. It is not the intent for this standard to be used as a contract document, but it may be used as a reference in contract documents. It is based on a consensus of the committee on the minimum practice consistent with sound, economical service under normal conditions, and its applicability under any circumstances must be reviewed by a responsible engineer. The standard is not intended to preclude the manufacture, marketing, purchase, or the use of any product, process, or procedure.

III. Use of This Standard. It is the responsibility of the user of an AWWA standard to determine that the products described in that standard are suitable for use in the particular application being considered.

III.A. *Purchaser Options and Alternatives.* The following items should be provided by the purchaser.

Considerable supplemental information is required in conjunction with the use of this standard, including, but not limited to, purchaser's documents consisting of detailed plans and specifications. The purchaser's documents should cover, as a minimum, detailed instructions pertaining to all references in this standard to "as specified" and "in accordance with the purchaser's documents." In addition, the purchaser shall provide specific supplementary information to the purchaser's documents regarding the following:

1. Standard used—that is, ANSI/AWWA C604, Installation of Buried Steel Water Pipe–4 In. (100 mm) and Larger, of latest revision.
2. Whether compliance with NSF/ANSI 61, Drinking Water System Components—Health Effects, is required.
3. Pipe design criteria and type of pipe ends.

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4. Pipe-laying schedules, line drawings, markings, appurtenances, vaults, valves, and existing utilities.

5. Pipe bedding specification and drawing details.

6. Inspection for pipe joints, protective coatings and linings, and pipe zone compaction.

7. Surface restoration.

8. Special handling requirements.

9. Details of other federal, state or provincial, and local requirements (Sec. 4.2).

10. Whether proof testing of the weld after backfill method is required for the project-specific conditions, including testing protocols (Sec. 4.4.4.2). NOTE: The exterior protective joint coating, backfill material, use of thin-wall pipe, and welding procedures should be considered with this process.

III.B. *Modification to Standard.* Any modification of the provisions, definitions, or terminology in this standard must be provided by the purchaser.

IV. Major Revisions. Major revisions made to the standard in this edition include the following:

1. The format has been changed to AWWA standard style.

2. Added Standards Council materials language as new Sec. 4.2.

3. Revision of trench widths, Sec. 4.4.2.3.

4. Revision of rock conditions, Sec. 4.4.2.6.

5. The section on unsuitable subgrade material was revised, Sec. 4.4.2.10.

6. An additional paragraph was added on pipe installation, Sec. 4.4.3.

7. A section on pipe on steep grades was added, Sec. 4.4.3.6.

8. Revisions were made to the section on pipe placement for rubber-gasketed joints (Sec. 4.4.4.1.1).

9. Revisions were made to the section on pipe placement for welded lap joints (Sec. 4.4.4.2).

10. An additional paragraph was added regarding the weld-after-backfill method (Sec. 4.4.4.2).

11. The procedure for flanged joints was revised (Sec. 4.4.4.4.).

12. A new Figure 5 was added for bolt torque sequence.

13. Revisions were made to the welded joints section (Sec. 4.4.4.9).

14. Additional information was added on heat-shrink sleeve installation in Sec. 4.4.4.13.3.

15. Additional information was added regarding cement mortar for field joints and repairs (Sec. 4.4.4.13.4).

16. Sec. 4.4.5, Fitting installation, was deleted.

17. Revisions were made to the section on backfilling (Sec. 4.4.6).

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18. Figure 5, Pipe bedding, was replaced with new Figure 6, Trench cross section.
19. A new Table 1 on soil stiffness categories was added.
20. Revisions were made to test restrictions, Sec. 5.2.1.
21. A new section on affidavit of compliance was added, Sec. 6.2.

V. Comments. If you have any comments or questions about this standard, please call AWWA Engineering and Technical Services at 303.794.7711, FAX at 303.795.7603, write to the department at 6666 West Quincy Avenue, Denver, CO 80235-3098, or e-mail at standards@awwa.org.

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ANSI/AWWA C604-11
(Revision of ANSI/AWWA C604-06)

American Water Works Association

AWWA Standard

Installation of Buried Steel Water Pipe—4 In. (100 mm) and Larger

SECTION 1: GENERAL

Sec. 1.1 Scope

This standard provides the field installation guidelines for buried steel water pipe, 4 in. (100 mm)* and larger.

The information contained in this standard is intended to be used as a guide to assist in the installation of steel water pipe.

1.1.1 *Conditions that may require additional considerations.* Installations that require special attention, techniques, and materials are not covered by this standard. Some of these installations are

1. Piping through rigid walls or structures.
2. Connections to appurtenances.
3. Piping on supports or on piles above or below ground.
4. Piping subject to significant thermal stresses.
5. Treatment plant or pump-station piping.
6. Industrial piping.
7. Piping in seismic areas.

* Metric conversions given in this standard are direct conversions of US customary units and are not those specified in the International Organization for Standardization (ISO) standards.

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8. Piping in high-density, stray-current environments.
9. Piping through unstable soils or soils subject to sliding or soil drag.
10. Piping subject to excessive live loads.
11. Piping with cover less than 3 ft (900 mm).
12. Piping installed by horizontal directional drilling (HDD).

Sec. 1.2 Purpose

The purpose of this standard is to provide the minimum requirements for the installation of buried steel water pipelines, including inspection, unloading, handling, storage, and testing.

Sec. 1.3 Application

This standard is intended to cover typical pipeline construction practices that are deemed adequate for the satisfactory installation of steel water pipelines. Individual project requirements can vary substantially and should always be thoroughly reviewed before bidding or construction startup. For this reason, some practices discussed in this standard may not be suitable for all project conditions, and in some cases, specialized installation techniques may be required that are beyond the scope of this standard.

SECTION 2: REFERENCES

This standard references the following documents. In their latest editions, the referenced documents form a part of this standard to the extent specified herein. In case of conflict, the requirements of this standard shall prevail.

AASHTO* M145—Standard Specification for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes.

AASHTO T99—Moisture Density Relations of Soils Using a 5.5-lb (2.5-kg) Rammer and a 12-in. (305-mm) Drop.

ANSI†/AWWA C200—Steel Water Pipe—6 In. (150 mm) and Larger.

ANSI/AWWA C203—Coal-Tar Protective Coatings and Linings for Steel Water Pipelines—Enamel and Tape—Hot-Applied.

ANSI/AWWA C205—Cement–Mortar Protective Lining and Coating for Steel Water Pipe—4 In. (100 mm) and Larger—Shop Applied.

* American Association of State Highway and Transportation Officials, 444 North Capitol Street NW, Suite 249, Washington, DC 20001.

† American National Standards Institute, 25 West 43rd Street, Fourth Floor, New York, NY 10036.

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ANSI/AWWA C206—Field Welding of Steel Water Pipe.

ANSI/AWWA C207—Steel Pipe Flanges for Waterworks Service—Sizes 4 In. Through 144 In. (100 mm Through 3,600 mm).

ANSI/AWWA C209—Cold-Applied Tape Coatings for the Exterior of Special Sections, Connections, and Fittings for Steel Water Pipelines.

ANSI/AWWA C210—Liquid-Epoxy Coating Systems for the Interior and Exterior of Steel Water Pipelines.

ANSI/AWWA C216—Heat-Shrinkable Cross-Linked Polyolefin Coatings for the Exterior of Special Sections, Connections, and Fittings for Steel Water Pipelines.

ANSI/AWWA C217—Petrolatum and Petroleum Wax Tape Coatings for the Exterior of Connections and Fittings for Steel Water Pipelines.

ANSI/AWWA C219—Bolted, Sleeve-Type Couplings for Plain-End Pipe.

ANSI/AWWA C222—Polyurethane Coatings for the Interior and Exterior of Steel Water Pipe and Fittings.

ANSI/AWWA C227—Bolted, Split-Sleeve Restrained and Nonrestrained Couplings for Plain-End Pipe.

ANSI/AWWA C651—Disinfecting Water Mains.

ASME Section IX—Pressure Vessel Welding Qualifications.

ASTM D698—Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort.

ASTM D2487—Standard Practice for Classification of Soils for Engineering Purposes.

AWS* D1.1—Structural Welding Code.

AWWA M11—*Steel Water Pipe: A Guide for Design and Installation.*

SECTION 3: DEFINITIONS

The following definitions shall apply in this standard:

1. *Bell-and-spigot or lap joint:* A circumferential joint in which one of the members joined overlaps the other.

2. *Bevel:* The angle formed between the prepared edge of a pipe end and a plane perpendicular to the longitudinal axis of the pipe. Bevels are generally used for butt welding of pipe ends.

* American Welding Society, 550 N.W. LeJeune Road, Miami, FL 33126.

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3. *Butt joint:* A pipe joint in which the two pipe ends are in the same plane and do not overlap. This joint configuration is commonly beveled and usually includes a backup ring on the side opposite of which field joint welding is to be performed.

4. *Constructor:* The party that provides the work and materials for placement or installation.

5. *Dewatering:* The removal of water in and around construction operations. This usually pertains to underground water within construction zones, which can adversely affect the construction activities.

6. *Fillet weld:* A weld of approximately triangular cross section, the throat of which lies in a plane disposed approximately 45° with regard to the surface of the parts joined. The size of the fillet weld is expressed in terms of the width, in inches, of one of its adjacent fused legs (the shorter leg, if unequal).

7. *Final backfill:* Final backfill begins at top of initial backfill and continues to the top of trench or finished grade.

8. *Grade:* The elevation of a structure or pipeline invert (bottom of the flowline) at a specific location. This elevation is usually measured relative to established survey points at the project.

9. *Haunch:* The area of the trench that begins at the bottom of the pipe and generally extends up to ⅓ of the pipe diameter.

10. *Initial backfill:* Initial backfill begins at the top of the bedding or haunch area and continues to the top of pipe.

11. *Manufacturer:* The party that manufactures, fabricates, or produces materials or products.

12. *Mechanical cutting:* The severing of materials using a power cut-off saw with a thin flat blade having a continuous line of teeth on its edge or high-speed abrasive disk.

13. *Miter:* The angle between the cut of a pipe end and a line drawn perpendicular to the longitudinal axis of the pipe. Miters are used to fabricate elbows and to facilitate pipe laying at changes in horizontal or vertical alignment.

14. *Nominal diameter or size:* The commercial designation or dimension by which pipe is designated for simplicity. Commonly, it is the finished inside diameter after lining.

15. *Nominal weight per foot (for pipe):* The theoretical weight, per foot, calculated from the wall thickness, as distinguished from the actual and measured weight per foot of the finished pipe. Unit weights of 0.284 lb per cubic inch for

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steel sheet or 490 lb per cubic foot for steel plate shall be used when calculating weight per foot. Unit weights of 0.087 lb per cubic inch, or 150 lb per cubic foot for cement mortar, shall be used when calculating weight per foot.

16. *Pipe bedding:* The material immediately under the pipeline and by which the pipeline is supported. This material is usually of a specific description and may simply be the reuse of the originally excavated material.

17. *Pipe embedment:* The area comprising the pipe bedding plus the initial backfill.

18. *Plain-end pipe:* Pipe that is not threaded, beveled, belled, or otherwise given a special end configuration.

19. *Plans:* Drawings normally prepared by an engineer employed or retained by the purchaser or system-operator showing the location and details for the construction of the pipeline and appurtenances.

20. *Purchaser:* The person, company, or organization that purchases any materials or work to be performed.

21. *Purchaser's documents:* Detailed requirements established by the purchaser or designee, outlining minimum acceptable standards for design, manufacture, quality of installation, or any other criteria the purchaser deems necessary for the procurement of the product required. Installation specifications may incorporate this standard by reference, but should also include specification requirements for matters not covered by the standard.

22. *Random lengths:* Pipe lengths as produced in a pipe mill, to which no special treatment is given to make the lengths uniform.

23. *Special section:* Any piece of pipe other than a normal full-length straight section. This includes but is not limited to elbows, pipe with outlets, short pieces, reducers, adapter sections with special ends, and other nonstandard sections.

24. *Specified lengths:* Sections of finished pipe, the length dimensions of which do not vary from a fixed figure specified by the purchaser by more than the tolerance set forth.

25. *Supplier:* The party that supplies material or services. A supplier may or may not be the manufacturer.

26. *Underground utilities:* Previously installed utilities that are located within the right-of-way of a pipeline or structure. These utilities commonly include gas, power, water, cable TV, sewer, fiber-optic cable, steam lines, and telephone lines.

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27. *Utility location service:* The cooperative organization of major utilities to provide services for the location and safe construction practices surrounding their respective utilities. These utilities often provide a site representative during construction when deemed necessary by the utility.

SECTION 4: REQUIREMENTS

Sec. 4.1 Permeation

The selection of materials is critical for potable water, wastewater, and reclaimed water service, and for distribution piping in locations where there is likelihood the pipe will be exposed to significant concentrations of pollutants composed of low-molecular-weight petroleum products, organic solvents, or their vapors. Documented research has shown that pipe materials (such as polyethylene, and polyvinyl chloride) and elastomers, such as those used in jointing gaskets and packing glands, are subject to permeation by low-molecular-weight organic solvents or petroleum products. If a potable water, wastewater, or reclaimed water pipe must pass through such a contaminated area or an area subject to contamination, consult with the manufacturer regarding permeation of pipe walls, jointing materials, and so on *before* selecting materials for use in that area.

Sec. 4.2 Materials

Materials shall comply with the requirements of the Safe Drinking Water Act and other federal regulations for potable water, wastewater, and reclaimed water systems as applicable.

Sec. 4.3 Preconstruction Planning

The installation of steel pipelines usually involves multiple suppliers and subcontractors that have varying preparation requirements. For this reason a preconstruction meeting is strongly recommended to confirm and coordinate the critical path aspects of all involved parties. In particular, pipe and valve materials are usually manufactured to fit specific locations of the project and often require an extended lead time for the purchase of raw material, drawing preparation, and drawing approvals that must precede construction activities. Any preconstruction planning meeting initiated by the purchaser should include all essential suppliers and subcontractors. During the meeting, a schedule should be confirmed that is agreeable to all parties. The meeting also affords all parties the opportunity to elaborate on their respective preparations, such as procurement of materials, preparation

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of drawings, and submittals. The constructor shall be required to provide the starting location and direction of construction. Care should be taken when preparing the construction schedule as later changes in construction plans may affect shop drawings, laying schedules, delivery dates, and other parties. Shop drawings must be approved by the constructor and purchaser prior to pipe production.

Sec. 4.4 Installation

4.4.1 *Alignment and grade.* Pipelines shall be laid and alignment maintained to the required horizontal line and vertical grade established in the purchaser and constructor approved layout drawings for the project subject to allowable tolerances. Valves and special sections shall be installed at the required locations unless field conditions warrant otherwise and such changes are agreed to by the purchaser and constructor. Valve-operating stems shall be oriented in a manner to allow proper operation.

4.4.1.1 Prior investigation. Prior to excavation, investigation shall be made to the extent necessary to determine the precise location of existing underground utilities, structures, and conflicts. This will require the constructor to contact the utility location service for proper coordination and location of utilities and then perform excavations to verify the elevation at the point of intersection, if the utility falls within the proposed pipe excavation. In addition, care shall be exercised during excavation to avoid damage to existing structures, which may not be identified by the utility location service. Special precautions shall be taken when the pipeline being installed crosses or is adjacent to a facility that is cathodically protected. When obstructions that are not shown on the purchaser's documents are encountered during the progress of work and interfere so that an alteration is required, such alterations or deviation in line and grade or the removal, relocation, or reconstruction of the obstructions shall be performed in accordance with the purchaser's documents.

4.4.1.2 Clearance. When crossing existing pipelines or other structures, alignment and grade shall be adjusted in accordance with the purchaser's documents. Installed pipe and structures shall provide clearance as required by federal, state or provincial, and local regulations. Wherever possible, pipe and structures shall have a minimum clearance of 12 in. (300 mm) from existing pipelines or structures to allow for proper compaction.

4.4.2 *Trench construction.* The trench shall be excavated to the required alignment, depth, and width specified or shown on the purchaser's documents and shall be in conformance with all federal, state or provincial, and local regulations for the protection of workers.

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4.4.2.1 Trench preparation. Trench preparation shall proceed in advance of the pipe installation. The amount of open trench length allowed may be limited by the amount of nonbackfilled pipe, the purchaser's documents, safety, and public impact considerations (such as traffic, slope, etc.).

4.4.2.1.1 Discharges from trench dewatering pumps shall be directed away from the trench, in order not to affect trench stability, and shall be in accordance with federal, state, and local point discharge requirements.

4.4.2.1.2 Excavated material shall be placed in a manner that will not obstruct the work, endanger workers or the public, or obstruct sidewalks, driveways, roadways, and other structures. If obstruction of such structures becomes necessary, the constructor shall plan for alternative means to accommodate the public. Placement of excavated material shall be done in compliance with federal, state or provincial, and local regulations.

4.4.2.2 Pavement removal. Removal of pavement and road surfaces shall be a part of the trench excavation. The amount removed shall depend on the width of trench required for installation of the pipe, including safety requirements and the dimensions of the area into which valves, specials, manways, or other structures will be installed. Methods such as sawing, drilling, or chipping shall be used to ensure the breakage of pavement along straight lines.

4.4.2.3 Trench width. The width of the trench at the top of the pipe shall be as dictated by the purchaser's documents or as necessitated by safety requirements. In any case, the trench width shall provide ample clearance to permit the pipe to be installed and joined properly and to allow the backfill to be placed in accordance with the purchaser's documents and shall be adequate to ensure elimination of voids in the haunch area, and proper placement and compaction of initial backfill materials. If mechanical compaction is required of the initial backfill materials, trench width shall provide clearance on each side of the pipe to allow room for compaction equipment. The trench width at the bottom of the pipe will be governed by the space required for compaction or consolidation equipment. In addition, trenches shall be of such extra width, when required, to permit the placement of sheeting, bracing, and appurtenances as required by the safety requirements of the agency having jurisdiction.

4.4.2.4 Depth. The trench shall be excavated and bedding installed. The bedding shall provide uniform support for the full length of the pipe barrel, except that a slight depression may be provided to facilitate the removal of pipe slings or other lifting devices without damaging the pipe coating. Pipe bedding and backfill

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material shall be installed so as to avoid abrasion or other damage to the coating on the pipe.

4.4.2.5 Bell holes. Holes for the pipe bells shall be provided at each joint. Holes shall be adequately sized for completing any external coatings, but shall be no larger than necessary to allow joint assembly. If the pipe joints are welded or coupled, the bell holes shall provide adequate clearance for welding or assembly and subsequent external coatings.

4.4.2.6 Rock conditions. If excavation of rock is necessary, all rock shall be removed to provide a clearance below and on each side of all pipe, valves, and fittings. The minimum clearance shall be 6 in. (150 mm) for pipe with an outside diameter (OD) up to 24 in. (600 mm) and 10 in. (250 mm) for pipe with an OD greater than 24 in. (600 mm). When the excavation is completed, a layer of appropriate subgrade material (see Sec. 4.4.6.1) shall be placed on the bottom of the trench, graded, and compacted to provide uniform support for the entire length of pipe and the placement of the loose bedding material up to the bottom of the pipe. These clearances and bedding procedures shall also be observed for pieces of concrete or masonry and other debris or subterranean structures, such as masonry walls, piers, or foundations that may be encountered during excavation.

4.4.2.7 Previous excavations. Should the trench pass over a sewer or other previous excavation, the trench shall be sufficiently compacted to provide support equal to that of the native soil or conform to other regulatory requirements in a manner that will prevent damage to the existing installation.

4.4.2.8 Blasting. Blasting for excavation shall be permitted only after securing approval(s) and establishing the hours of blasting as required by the purchaser's documents. The blasting procedure, including protection of existing utilities, persons, and property, shall be in strict accordance with federal, state or provincial, and local regulations.

4.4.2.9 Protection of existing structures. Temporary support, adequate protection, and maintenance of all underground and surface structures, drains, sewers, and other obstructions encountered in the progress of the work shall be provided in accordance with the purchaser's documents and applicable regulations.

4.4.2.10 Unsuitable subgrade material. When the subgrade is found to include ashes, cinders, refuse, organic material, or other unsuitable material, such material shall be removed to at least 6 in. (150 mm) below the bottom of the pipe for pipe with an outside diameter (OD) up to 24 in. (600 mm) and 10 in. (250 mm) for pipe with an OD greater than 24 in. (600 mm). The removed material shall be

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replaced with clean, suitable subgrade material in accordance with the purchaser's documents or as directed by the purchaser. Once unsuitable material is removed or replaced, the bedding material shall be placed and graded so that the bedding will provide uniform support for the entire length of the pipe.

4.4.2.11 Unstable subgrade. When the bottom of the trench or the subgrade consists of material that is unstable to such a degree that it cannot be removed, a foundation for the pipe and/or appurtenance shall be constructed in accordance with the purchaser's documents or as directed by the purchaser.

4.4.3 *Pipe installation.* Proper implements, tools, and facilities shall be provided and used for the safe and convenient performance of the work. All pipe, fittings, and valves shall be lowered carefully into the trench by means of a backhoe or crane, using nylon slings, guide ropes, or other suitable tools or equipment, in such a manner as to prevent damage to the pipe, protective coatings, and linings. Pipe shall not be dropped or dumped into the trench. The trench shall be dewatered prior to installation of the pipe and maintained until the pipeline is substantially covered as necessary to prevent pipe from floating.

At all times during construction of the pipeline, precautions shall be taken to prevent damage to the protective coating. Coating damaged during installation shall be repaired in accordance with this and other applicable AWWA standards.

4.4.3.1 Examination of material. All pipe, fittings, coatings, and appurtenances shall be examined carefully for damage and other defects upon arrival at the installation site and immediately before assembly in the trench. Defective materials shall be marked and held for final disposition as required by the purchaser's documents.

4.4.3.2 Pipe ends. All deleterious materials shall be removed from the ends of each pipe. For bell-and-spigot pipe, the outside of the spigot end and the inside of the bell shall be wiped clean and dry so that it is free from dirt, sand, grit, and other foreign matter before the pipe is installed.

4.4.3.3 Pipe cleanliness. As installation progresses, no debris, tools, clothing, or other materials shall be allowed to accumulate in the pipe during construction and shall be prevented from entering the pipe while being placed in the trench.

4.4.3.4 Direction of bells. It is common practice to lay lap-welded pipe joints with the spigot facing the direction in which work is progressing. For rubber-gasketed pipe, common practice is to lay the pipe joints with the bell facing the direction in which work is progressing to prevent debris from being scooped into the bell. The direction of the bells is not functionally related to the direction of flow within the system.

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4.4.3.5 Pipe end caps. When pipe laying is not in progress, cover, cap, or secure the open ends of pipe where required. If used, the end caps shall remain in place until the trench work proceeds. When pipe caps are in place, care must be taken to prevent pipe flotation should the trench fill with water.

4.4.3.6 Pipe on steep grades. On grades exceeding 10 percent, the pipe should be laid uphill or otherwise held in place by approved methods.

4.4.4 *Joint assembly and testing.* Proper implements, tools, and facilities shall be provided and used for the safe and convenient performance of the work. The types of joints covered in this standard include gasketed, flanged, sleeve couplings, split-sleeve couplings, expansion joints, and welded joints, all of which have specific applications. The joint types required for a project will be dictated by the purchaser's documents.

The joint assembly shall be coated with a compatible material according to the coating manufacturer's recommendations and the applicable AWWA standard.

4.4.4.1 Rubber-gasketed joints. Gasketed joints consist of a bell-and-spigot end configuration formed directly into the steel pipe cylinder or attached to the steel pipe cylinder. The spigot end includes a groove that retains an O-ring gasket. The gasket groove and the bell end of the mating pipe shall be cleaned thoroughly. When the spigot is inserted into the bell, the gasket compresses between the steel surfaces to form a watertight seal. Rubber-gasketed joints shall be assembled as described in Sec. 4.4.4.1.1 and illustrated in Figures 1 and 2.

4.4.4.1.1 Pipe placement for rubber-gasketed joints. Mark the outside of the pipe at the quarter points for the minimum stab depth. This dimension is provided on the shop joint detail drawings. Lift the pipe using the appropriate method. On steep slopes, it may be advisable to use slings as chokers. Visually inspect the O-ring gasket for any visible defects, cuts, tears, or excessive stretching. Stretch the O-ring gasket over the pipe spigot end by hand or by using a dull pry bar (to avoid cuts or tears), and then carefully seat the gasket into the O-ring groove on the spigot (see Figure 1). After placement, relieve tension in the gasket by running a dull object, such as a wooden dowel, between the gasket and the spigot groove around the pipe circumference several times. Just prior to stabbing, apply a light coat of vegetable-based pipe lubricant to the spigot end exterior and the bell end interior, being sure to keep the joint clean. The spigot end shall be stabbed approximately 1 in. (25 mm) into the bell end, with the two mating pieces in reasonably straight alignment (see Figure 2). The spigot shall then be engaged the appropriate distance. Rubber-gasketed pipe may be joined using a choker sling

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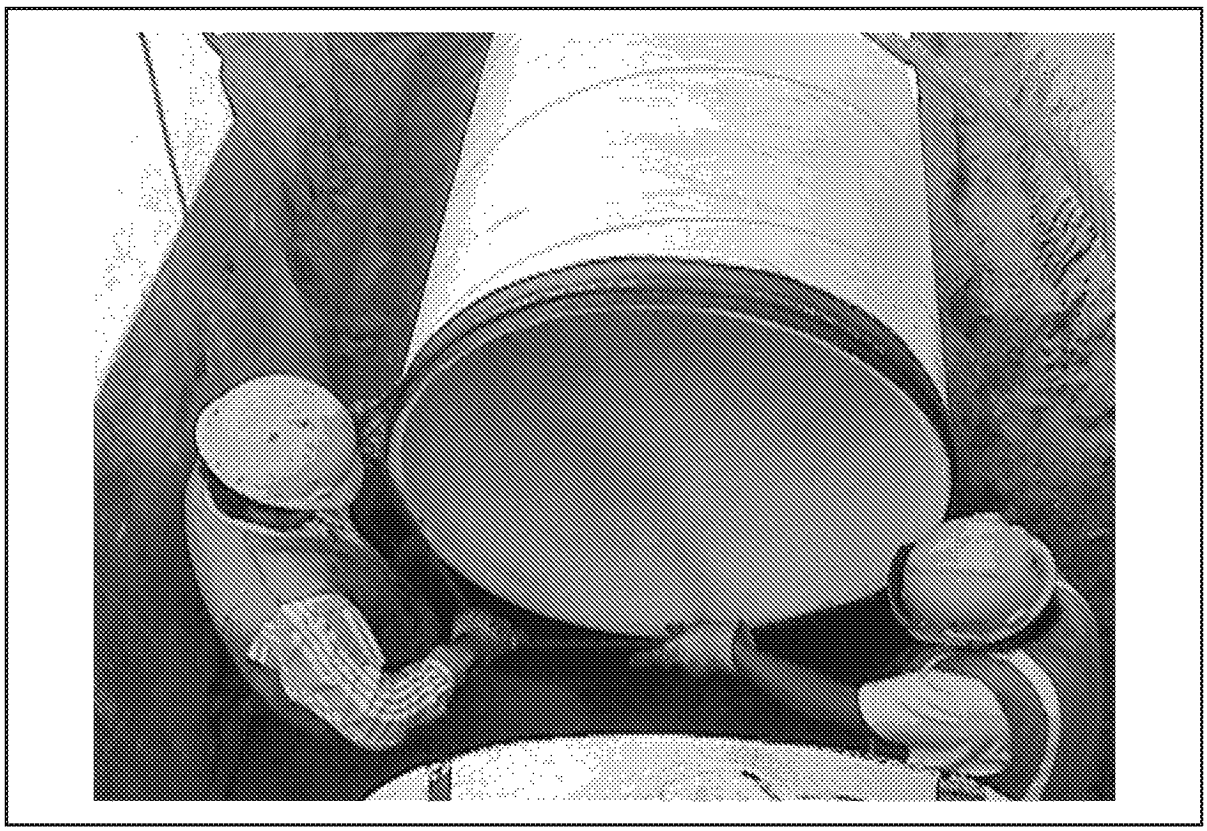

Figure 1 Typical O-ring gasket assembly

attached to the excavator bucket and drawing the pipe joint to full engagement. Small-diameter pipe spigots may be pushed into the bell with a long pry bar. Large-diameter pipe may be pushed into the bell using the bucket of the excavator and appropriately sized timber, which is used to equalize the assembly loads and reduce the risk of damage to the bell, or pulled together using a winch or come-a-long. As each length of pipe is placed in the trench, the pipe shall be brought to the correct line and grade. After the joint is properly engaged, deflect the joint, if required, within the prescribed limits in Sec. 4.4.4.3 (see Figure 4) or the purchaser's documents. The pipe shall be secured in place with approved backfill material.

4.4.4.1.2 Rubber-gasketed joint testing. After the pipe has been laid to final grade, the rubber-gasketed joint shall be tested using a feeler gauge. This test ensures the gasket has not rolled out of the groove, or "fish-mouthed." Perform this test by inserting a feeler gauge from the outside of the joint between the bell and spigot until reaching the gasket. Continue completely around the pipe circumference to ensure the gasket is properly seated. Do not force the feeler gauge past the

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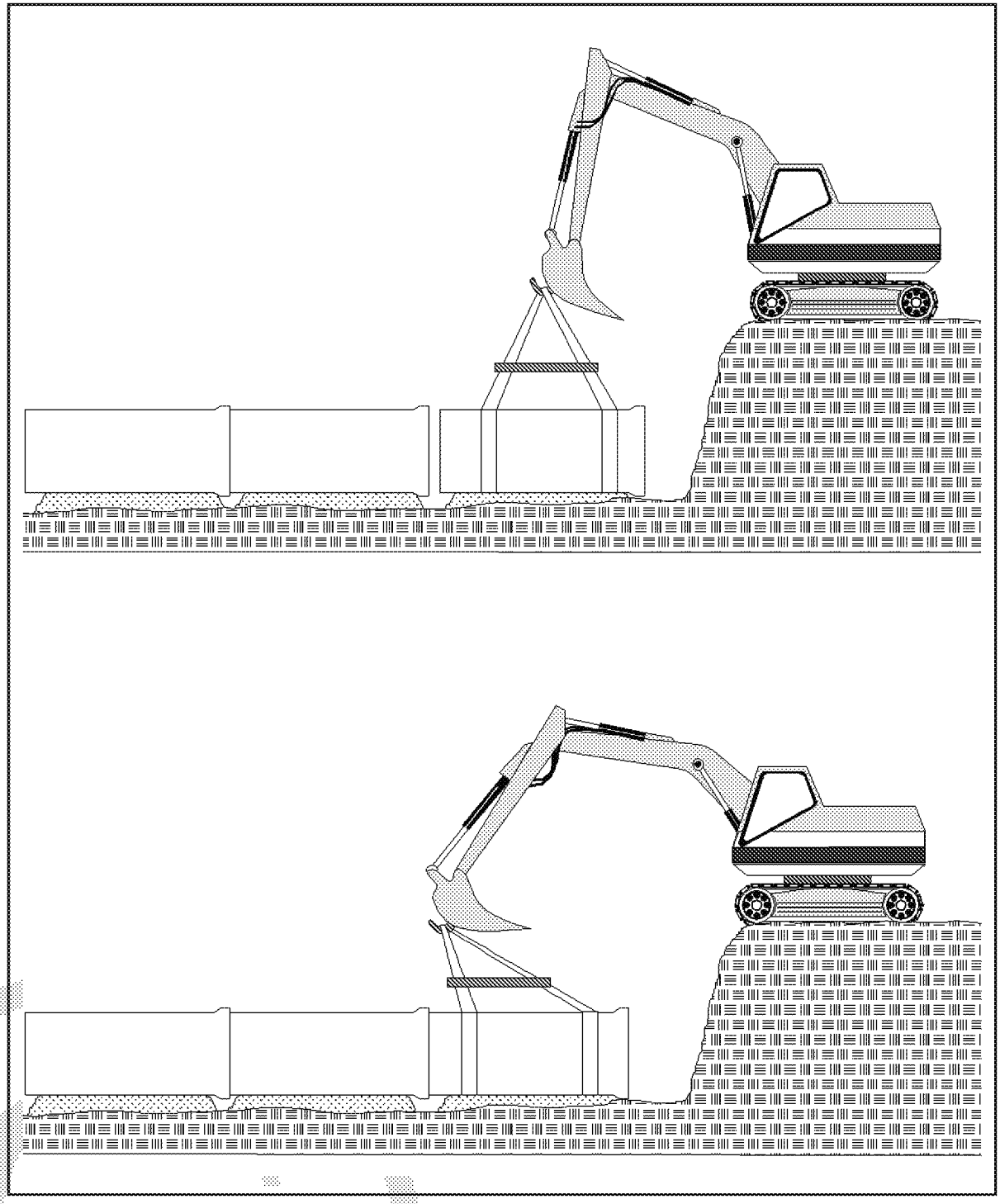

Figure 2 Typical installation of pipe with gasketed bell-and-spigot joints

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gasket. The only purpose of the feeler gauge test is to determine whether the gasket has rolled out of the groove during installation; it is not to determine the amount of clearance between the spigot and the bell.

4.4.4.1.3 Repair of rubber-gasket joints. If the gasket has disengaged, the joint shall be pulled apart, and the gasket shall be removed and checked for any damage. Reinstall the gasket, or if damaged, install a new gasket following the procedure in Sec. 4.4.4.1.1. Alternatively, if a pipe segment cannot be removed, seal-weld the interior of the joint, or insert a rolled steel round bar into the flare of the bell and seal-weld the round bar to the bell and spigot.

4.4.4.2 Pipe placement for welded lap joints. Mark the outside of the pipe at the quarter points for the required stab depth range. This dimension is provided on the joint detail drawings. It should be noted that interior lap-welded pipe should never be engaged to the point where the weld would be within 1 in. (25 mm) of the tangency of the point of bell radius. See Sec. 4.4.4.9.1 for more detail. Standard lap-welded joints consist of a single fillet weld made on either the interior or exterior of the pipe. On steep slopes, it may be advisable to use slings as chokers. Lower the pipe segment, bell end first, at an approximate 5° to 10° angle relative to the previously laid pipe segment. This will allow the bell edge to overlap the spigot (of the previously laid pipe) to the proper stab depth mark. On large-diameter pipe, a small tack weld may be placed onto the exterior of the bell and spigot at the "field top." This tack will act as a hinge that will guide the remainder of the bell insertion as the pipe is lowered (see Figure 3). The tack welds may remain as part of the permanent weld if the welder is properly qualified and the weldment meets the requirements of ANSI/AWWA C206 and the purchaser's documents. Under certain circumstances, some constructors may choose to insert the spigot straight into the bell by methods described in Sec. 4.4.4.1.1. As each length of pipe is placed in the trench, the joint shall be assembled and checked for stab depth, and the pipe shall be brought to correct line and grade. After the joint is properly engaged, deflect the joint, if required, within the prescribed limits in Sec. 4.4.4.3 or the purchaser's documents. If required by the purchaser's documents, proceed with the exterior or interior welding of the joint in accordance with ANSI/AWWA C206. If required by the purchaser's documents, perform nondestructive testing of the weld. Upon completion of the welding and/or weld testing, apply field joint coating per the appropriate standard. The pipe shall then be secured in place with approved initial backfill material. After backfilling the pipe, the interior lining at the joint shall be completed.

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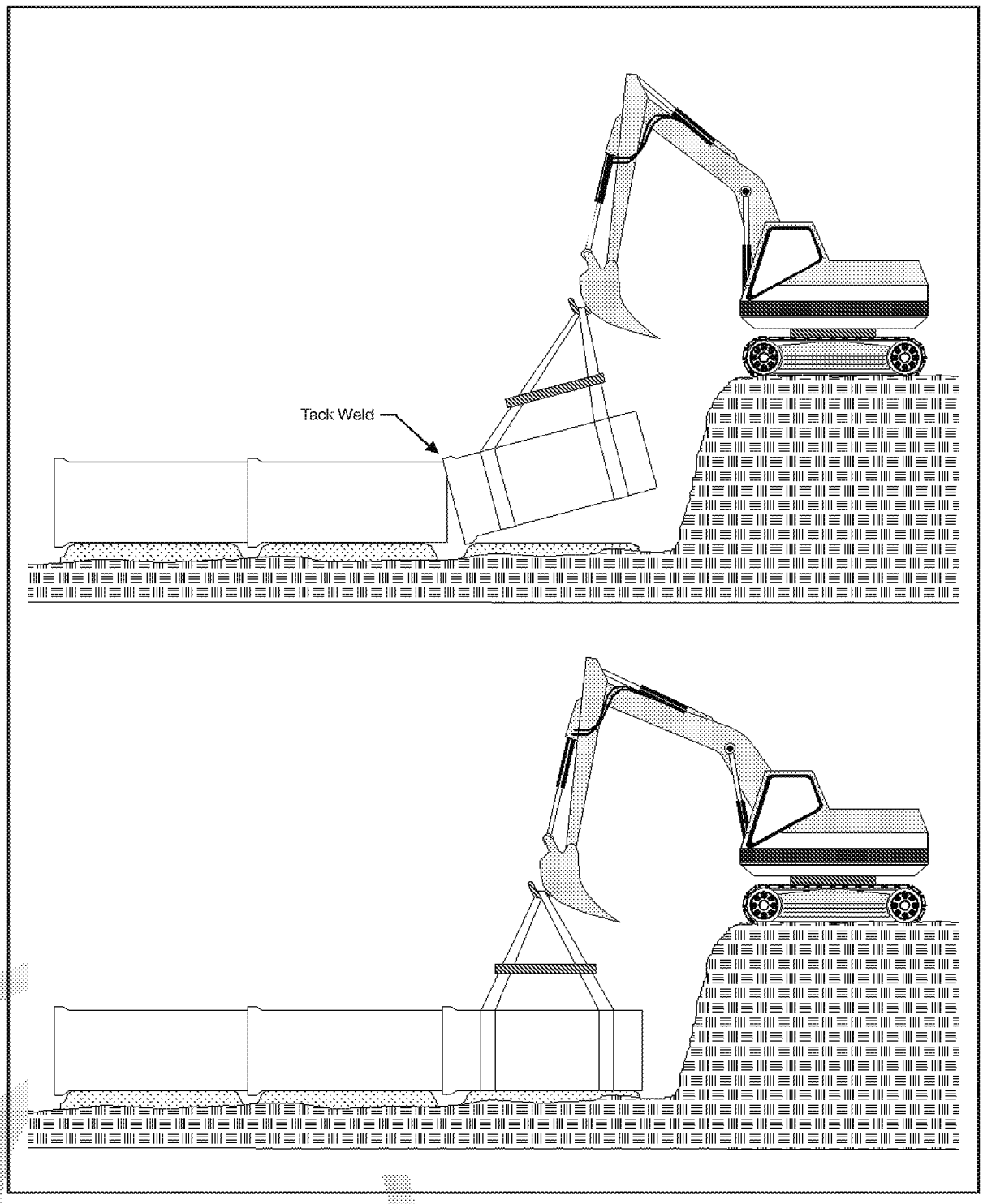

Figure 3 Typical installation of pipe with welded bell-and-spigot joints

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Weld-after-backfill is also an acceptable method for welding the pipe. This method involves assembling the pipe joint as described above, deflecting the joint if required, applying the appropriate exterior protective coating to the joint, and backfilling the pipe prior to welding the interior joint. Welding is done on the inside of the pipe after the backfill is complete. With inside single-welded joints, this method can reduce or eliminate thermal stress issues associated with welding pipe exposed to the sun or atmosphere. Once interior welding and/or weld testing is complete, the interior lining at the joint may be completed. Project-specific conditions and materials can vary, such as the exterior protective joint coating, backfill materials, use of thin-wall pipe, and welding procedures, which may warrant testing to verify the method at the start of construction.

4.4.4.3 Joint deflection. When it is necessary to deflect rubber-gasketed or lap-welded pipe joints from a straight line in either the horizontal line or vertical grade, the amount of joint deflection shall not exceed that amount which would affect the watertight seal for rubber-gasketed joints or that amount which results in a field weld closer than 1 in. (25 mm) to the nearest point of tangency to a bell radius with a minimum insertion of 1 in. (25 mm) for lap-welded pipe or in accordance with the purchaser's documents (see Figure 4). The pull is further described as the dimension in which the pipe joint insertion varies when measured from opposite sides (180° apart). This pull shall not diminish the minimum required insertion dimension. By using this joint pull, pipe can be aligned with long-radius curves as well as minor offsets during pipeline construction.

4.4.4.4 Flanged joints. Flanges commonly used for steel water pipe are slip-on type ring flanges. Flanges are designed for use with rubber or nonasbestos gaskets. Both the size and type of gasket material are controlling factors in the design of bolted joints, and the AWWA Manual M11 and ANSI/AWWA C207 recommendations should be followed.

Regardless of the type of gasket being used or the materials of construction, certain basic procedures must be followed if the joint is to be assembled, tested, and easily put into operation. Regardless of the method used to apply stress to the bolts or studs, the following procedure should be followed carefully:

1. Inspect the gasket seating surfaces. Look for tool marks, scratches, or pitting by corrosion, and make sure that the gasket seating surface is appropriate for the type of gasket being used. Deep radial tool marks on a gasket seating surface are virtually impossible to seal, regardless of the type of gasket used. This type of damage shall be cause for rejection, and the flange shall be repaired or replaced.

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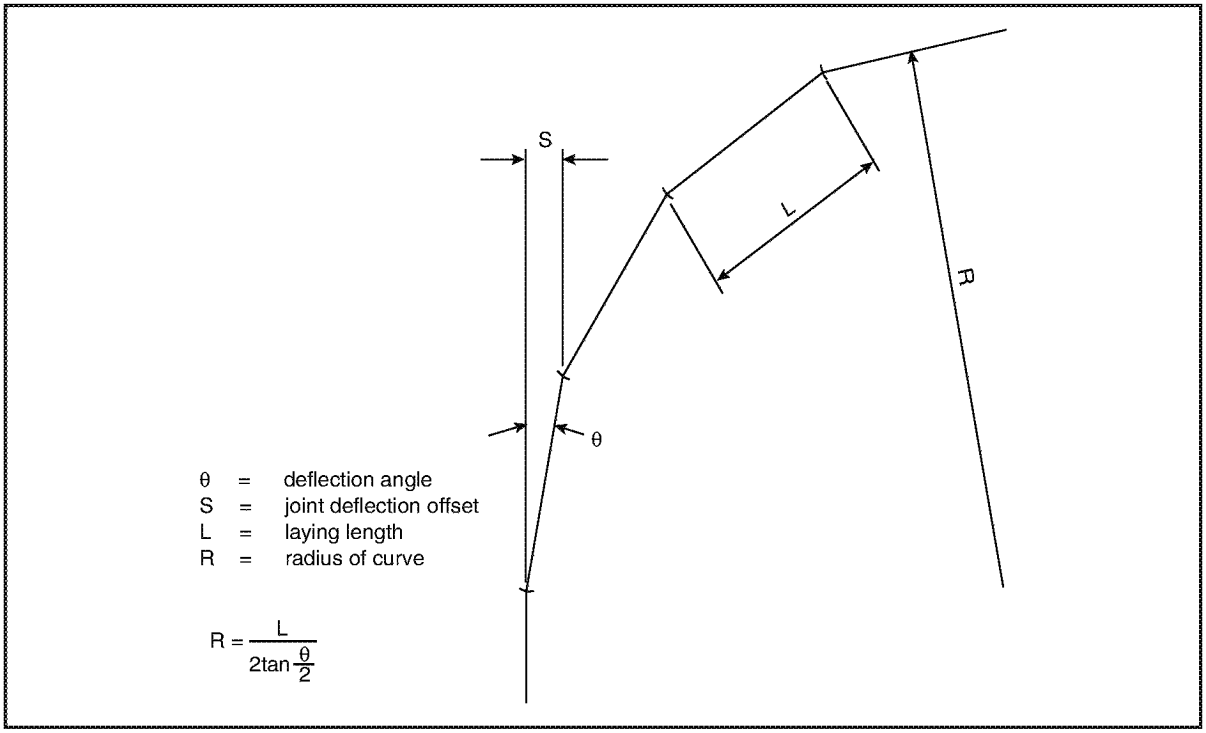

Figure 4 Joint deflection

2. Inspect the gasket. Confirm that the material is as required by the purchaser's documents, and look for defects or damage to the gasket.

3. Inspect and clean each stud or bolt, nut, washer, and the facing on the flanges against which the nuts will rotate. Look for severe galling, pitting, etc. If any of the above-mentioned items are damaged beyond repair, replace the item.

4. Lubricate all thread contact areas and nut facings. Do not construct the joint without applying the proper lubrication to the threaded surfaces and to the nut facings. The lubricant is necessary to provide a low coefficient of friction for installation and to achieve proper torque values.

5. With ring gasket installation, loosely install the stud bolts on the lower half of the flange. Insert the gasket between the flange faces to allow the bolts to center the gasket on the assembly. Install the remaining bolts and nuts.

With full-face gaskets, at least two bolts or studs must be placed in the top half of one flange, then the gasket placed over these bolts before mating the flanges. The remaining bolts and nuts can be installed to a hand-tight condition through the flange and gasket.

6. Torque the bolts up to a maximum of 30 percent of the final torque value required, following the recommended sequence shown in Figure 5. The recommended torque values are provided in AWWA Manual M11. Number the bolts

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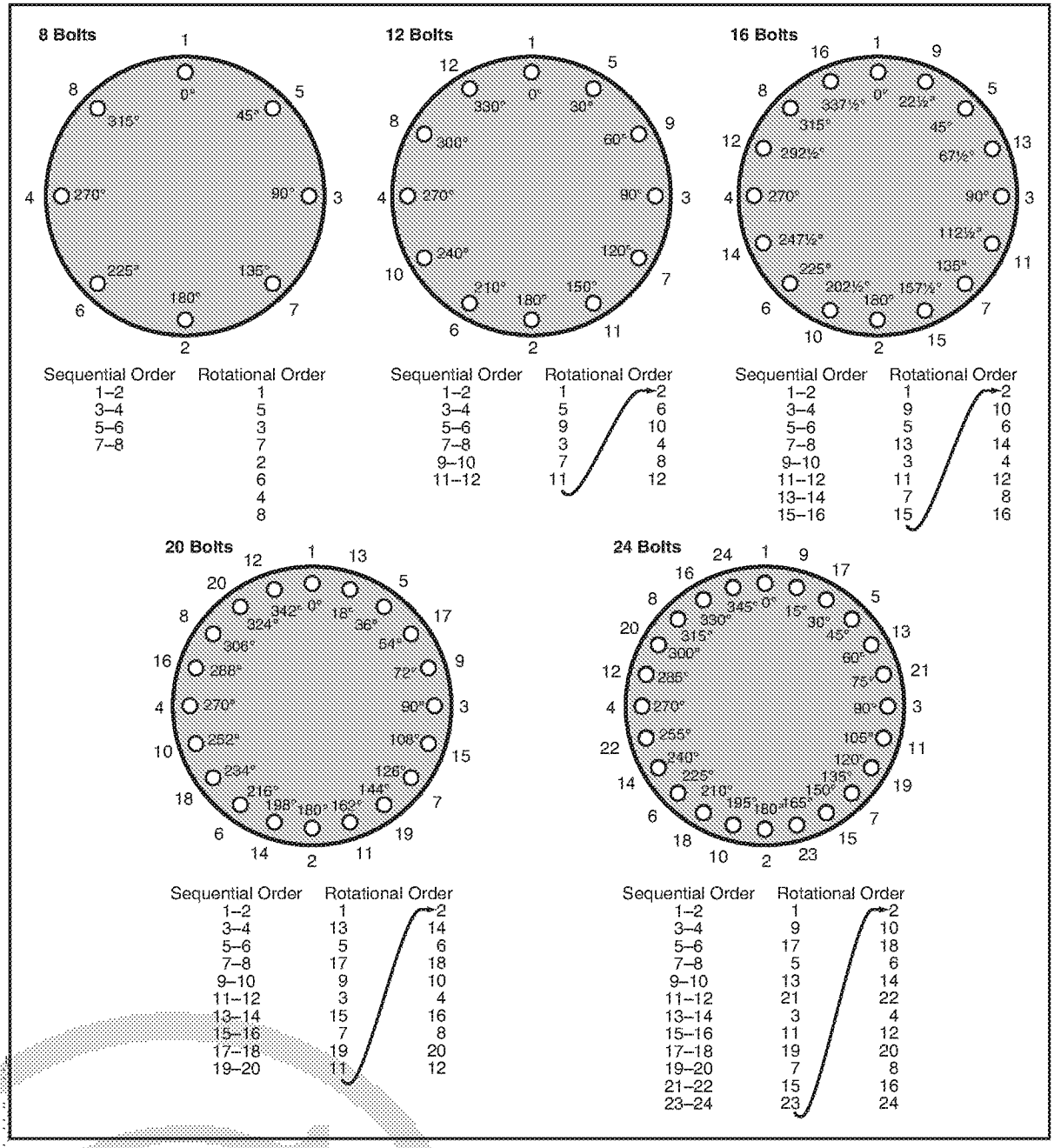

NOTES: 1. Patterns similar to the above are followed on larger flanges.
2. For insulating flanges, refer to the manufacturer's recommendations.

Figure 5 Bolt torque sequence

so that the torquing requirements can be followed. With any gasket material, it is extremely important to follow a proper bolting sequence.

7. Repeat step 6, increasing the torque to approximately 50 to 60 percent of the final torque value required.

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8. Continue with a rotational pattern of retorquing all studs or bolts to the desired amount until no further rotation of the nuts can be achieved at the prescribed torque load. This may require several retorquings, because as one bolt is torqued, it will relieve the stress on the adjacent bolt until equilibrium is achieved.

4.4.4.5 Transition couplings. Transition couplings may be required for joining different types or sizes of pipe. Such transition devices are typically available. When ordering, the actual outside diameter of the pipe ends shall be given.

4.4.4.6 Tapping sleeves. Tapping sleeves are a means of making branch connections to existing pipelines. The procedures for proper installation of tapping sleeves shall follow the manufacturer's recommendations.

4.4.4.7 Sleeve couplings. Sleeve couplings are used on pipelines of all diameters. Follow the manufacturer's recommendations and ANSI/AWWA C219 for their installation.

4.4.4.8 Split-sleeve coupling. Split-sleeve couplings are used on pipelines of all diameters. Follow the manufacturer's recommendations and ANSI/AWWA C227 for their installation.

4.4.4.9 Welded joints. Welding shall meet the requirements of ANSI/AWWA C206 and the purchaser's documents for the project. The need for welded joints will vary by project and will be identified in the purchaser's documents. The single lap weld joint is the most commonly used configuration for joint restraint.

Joint welding procedures, welders, and welding operators shall be qualified under tests prescribed in ANSI/AWWA C206. Preheat and interpass temperature maintenance is often required prior to welding and during welding to prevent cracking. The specific preheat and interpass temperature maintenance requirements will vary depending on the welding process, steel specification, steel thickness, and metal temperature and should be determined by using AWS D1.1.

A protective cover shall be draped over the pipe near the vicinity of welding if protection of the coating is required. Field welding in the interior of steel pipe is ordinarily limited to 30-in. (750-mm) or larger pipe, to provide for access and egress. When personnel are working inside, ventilation shall be provided in strict accordance with federal, state or provincial, and local regulations.

Wire brushing is usually sufficient to remove any dirt or light rust to prepare the surface for welding. Small tack welds can be used to hold the pipe in position for welding, provided the tacks are sound and meet the requirements of ANSI/AWWA C206. The number of weld passes needed to complete the joint is a function of the steel wall thickness, type of joint, and type of welding. Interior welding

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using the weld-after-backfill method may require more than one weld pass to limit temperature at the joint and damage to the exterior coating.

4.4.4.9.1 Welded lap joints. There are several welding configurations for the lap joint. The single lap weld joint is completed using a single weld that can be accomplished on either the inside or outside of the pipe joint. Inside welding is frequently limited to pipe diameters of 30 in. (750 mm) and larger. The nominal engagement of a lap-welded joint is 2 to 3 in. (50 to 75 mm) deep with a minimum required final overlap between the bell and the spigot after pullout of 1 in. (25 mm) or three times the thickness of the belled pipe, whichever is greater. The typical pullout is 1 in. (25 mm), but in all cases, the 1-in. (25-mm) minimum required overlap must be maintained. No part of any field weld shall be closer than 1 in. (25 mm) to the nearest point of tangency to a bell radius. The allowable angle of deflection is provided in Sec. 4.4.4.3.

4.4.4.9.2 Welded butt joint. Welded butt joints are sometimes specified for special design conditions. Butt joints are usually single-V-groove ends and can include a backup ring. The backup ring will be located on the pipe interior for smaller-diameter pipe and on the exterior or interior for larger pipe (over 30 in. [750 mm] in diameter). Field joints shall be assembled so that longitudinal seams in adjacent pipes are offset from each other by at least five times the thickness of the thicker of the pipes being joined. Single-V-groove butt joints may be welded from the outside of the pipe, or from the inside of the pipe if the diameter is large enough. The backing rings may be left in place after welding. Line-up clamps can assist in the pipe installation. The installation procedure of field-welded butt joints is basically identical to the above except that when the two ends have touched, caution should be exercised to ensure that the proper root opening is achieved and the pipe is firmly secured in position prior to installing subsequent pipe segments.

4.4.4.9.3 Welded butt-strap joints. Where welded butt-strap joints are used, the butt straps shall have a minimum plate thickness equal to the thinnest member being joined and shall be fabricated from steel listed in ANSI/AWWA C200 and meeting the purchaser's pipe design requirements. In accordance with ANSI/AWWA C206, the strap shall have a minimum width of 4 in. (100 mm) for pipe less than 24 in. (600 mm) in diameter and 6 in. (150 mm) for pipe 24 in. (600 mm) nominal diameter and larger. The minimum lap between pipe ends and the edge of the butt strap shall be 1 in. (25 mm) for pipe less than 36 in. (900 mm) in nominal diameter and 2 in. (50 mm) for pipe 36 in. (900 mm) nominal diameter and larger.

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For butt-strap joints, the longitudinal seams of adjacent pipe sections may be in alignment provided that the butt-strap seams are offset from the pipe seams by at least five times the thickness of the thicker member involved in the joint. The butt strap may be welded on the pipe exterior, interior, or both.

4.4.4.9.4 Welded joint testing. If required by the purchaser's documents, nondestructive joint testing is performed by visual inspection, magnetic particle, or dye penetrant testing of single-fillet welds, magnetic particle testing of butt-welded joints, or air testing of double-fillet welds. Vacuum look box testing has been used on a limited basis as an alternative method for fillet welds and butt welds. Radiographic testing and ultrasonic testing have been used on a limited basis as alternative methods for testing butt joints. Radiographic testing is not recommended for butt joints with backing and lap joints. The test method shall be specified in the purchaser's documents. These test methods and repair of defective welds are further described in ANSI/AWWA C206.

4.4.4.10 Pipe cutting. Prior to cutting, pipe shall be checked to ensure it is within the necessary tolerance for proper assembly with the adjoining pipe. If the adjoining pipes are not within the needed longitudinal tolerance, either replace the segment or use an alternative field joint such as a butt strap. Cutting pipe for insertion of valves, fittings, or closure pieces shall be done in conformance with all safety requirements. Cutting may be performed by a power abrasive saw, oxygen-acetylene torch, plasma arc, air-arc, or other suitable means. The resulting cut end will require corrective preparation before assembly with the adjoining pipe. Cut ends and rough edges shall be ground smooth.

4.4.4.11 Expansion joints. Provisions shall be made for the expansion and contraction of welded pipelines exposed to extreme temperature differential during installation. Failure to provide for this expansion and contraction can result in undesirable levels of thermal stress in the steel. Where individual pipe lengths are anchored and sleeve-type couplings are used for field joints, the joints must allow enough movement so that expansion and contraction is not cumulative over an excessive length. Thermal expansion is usually accommodated for trench-laid welded pipelines to avoid the accumulation of expansion and contraction during installation. These joints usually include a lengthened bell, which is welded during the coolest part of the day and only after all adjacent pipe has been welded and buried.

4.4.4.12 Bonding of joints. When required by the purchaser's documents, the bonding of nonwelded joints shall be used to make the line electrically

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continuous. Electrical continuity allows for monitoring of the pipeline. Electrical bonding jumpers may be welded in the field to provide electrical continuity between adjoining pipes. The bond welds should be kept close to the ends of the pipe to allow joint end coatings to cover the bonding jumpers.

4.4.4.13 Protective coatings at field joints. Generally, pipe lengths are coated and lined in the shop, excluding only the pipe ends that are completed in the field. After field assembly, the exterior and interior joint ends shall be completed with coatings that are compatible with the original coating system of the pipe and in conformance with the applicable AWWA standards. The type of pipe coating and end coating shall be determined by the purchaser's documents. Various pipe end coatings and linings are available, which are further described in ANSI/AWWA C203, ANSI/AWWA C205, ANSI/AWWA C209, ANSI/AWWA C210, ANSI/AWWA C216, ANSI/AWWA C217, ANSI/AWWA C222, and ANSI/AWWA C602. For application and repair of these materials, follow the appropriate AWWA standard and the manufacturer's recommendations. Three commonly used materials for pipe end field coatings are heat-shrink sleeves (ANSI/AWWA C216), hand-applied tape (ANSI/AWWA C209), and hand-applied cement mortar (ANSI/AWWA C205). Field joint and repair applications for these materials are briefly described by this standard.

4.4.4.13.1 Tape wrapping field joints. Tape is provided in various widths for various needs but is generally 6 to12 in. (150 to 300 mm) wide. Taping can be completed at any temperature as long as the roll body temperature of the tape is maintained above 70°F (21°C). The procedure for proper tape wrapping of field joints is fully described in ANSI/AWWA C209 and is summarized as follows:

1. Make sure the joint to be taped is complete, the gasket is checked, the weld is inspected, and the metal is cool to a temperature below 130°F (54°C).
2. Clean the area to be taped to make sure all moisture has been removed.
3. Prime all around the joint, including several inches on both sides beyond the area where the actual joint tape will be applied. Place filler material at all pipe joints and at irregularities to create a smooth surface. (Lap welds, where the exterior is a full thickness weld, and butt welds do not require filler material.)
4. Start in a downhill direction of the pipe and wrap two complete layers around the pipe until overlapping the starting point by a minimum of 4 in. (100 mm). Cut the tape so as not to damage the field coating. The start and stop spots do not need to be much farther than 10° to 15° from the top centerline.

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5. Make sure the tape around the joint is wrinkle-free and stretched taut. It is preferable to keep the welded bonding jumper close to the pipe ends and wrap the whole area with the tape as the joint is wrapped.

6. Make sure that partial rolls of tape go around at least one complete wrap.

7. Inspect the completed wrap using a holiday detector.

4.4.4.13.2 Taped pipe repairs. Many taped pipelines include a three-layer system. The first layer that actually bonds to the pipe is typically a black tape. The second layer is a higher-density tape to give durable protection during handling and service. The third layer is a tape that provides good protection to the inner layers of tape. In most cases, this outer layer is white. The three layers are generally supplied in three different colors so that in the event of damage, the colors will assist in determining the extent of damage to the total tape system. The procedure for properly taped pipe repairs is fully described in ANSI/AWWA C209 and is summarized as follows:

1. Minor wrinkles, scuffs, or any tears located on the edge of the tape that do not go past the overlap area are generally acceptable. These conditions listed still give the tape a full film thickness, and it is not practical to remove the high-density machine-applied tape and replace it with a softer patch-type material.

2. If a tear occurs in only the outer layer, repair the damaged area with one layer of tape with a minimum overlap of 4 in. (100 mm) onto the existing coating system.

3. If the damaged coating area shows evidence of going further into the coating system, use the repair method outlined below.

a. Cut away the damaged tape at an angle tangent to the surface of the pipe so that the tape system is not cut or damaged any further.

b. Wipe clean the area to be taped and make sure it is dry and free from dirt.

c. Prime the area to be repaired and let the primer dry to a tackiness before applying the repair tape. The primed area shall be of sufficient size to extend beyond all applied patch tape.

d. Cut the tape to such a size that it extends beyond the damaged area for a minimum of 4 in. (100 mm) in all directions around the area to be repaired. Apply the tape starting at the center and working toward the edge, making sure to smooth out all wrinkles. Make sure the primed area extends past the tape edges.

e. Only one layer of repair tape is required on damages that affect the outer layer of tape. If a second layer of tape is required to complete the patch, place the second layer of patch material over the first extending a minimum of 1 in.

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(25 mm) in all directions past the first layer patch. It will always require two pieces of tape to accomplish this overlap process.

f. Perform a holiday test on the repair area.

4.4.4.13.3 Heat-shrink sleeves on field joints. Heat-shrink sleeves are used to protect field joints from moisture and oxidation. The procedure for proper application of heat-shrink sleeves is fully described in ANSI/AWWA C216 and is summarized as follows:

1. Clean the area of the heat-shrink sleeve to remove all moisture, soil, and foreign materials.

2. If required by the heat-shrink sleeve installation instructions, place filler material at pipe joints and at irregularities to create a smooth surface. If required by the heat-shrink sleeve installation instructions or purchaser's documents, abrade polyurethane coatings (tape systems do not need to be abraded) and/or preheat the joint as required.

3. Fit the sleeve around the joint.

4. Heat the sleeve to shrink and seal the sleeve to the joint.

5. Using rollers, remove all wrinkles to ensure that the sleeve has intimate contact with the pipe.

4.4.4.13.4 Cement mortar for field joints and repairs. Pipe ends and areas needing repairs shall be clean of deleterious materials and the surface prepared for the cement mortar in accordance with ANSI/AWWA C205. When feasible, interior cement mortar for field joints and repairs shall be applied after the trench has been backfilled. Typically for 24 in. (600 mm) and larger diameters, the inside recess is pointed with mortar. On smaller diameters, the shoulder of the bell is "buttered" with a stiff mortar, and a swabbing device, such as an inflated rubber ball wrapped with burlap, is placed in the previously laid section of the pipe. The ball has a wire attached to it, and the wire is threaded through the next pipe section to be laid. When the sections are joined, the spigot squeezes the mortar into position against the shoulder of the bell. Then the swabbing device is pulled past the joint by means of the wire, and the excess mortar is wiped away, leaving a smooth, flush inside joint. For exterior joints, cement mortar shall be poured in the joint space through a grout band that is wrapped around the joint and firmly strapped onto both sides after field joint assembly. Repairs to the exterior mortar coating of the pipe shall be made during pipe installation and before backfilling. Cracks in cement–mortar-lined steel pipe are a common occurrence. These cracks are most commonly shrinkage cracks, which are caused when the mortar dries out.

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Contributing factors may be unprotected pipe ends, rough handling, or thermal stresses caused by weather. It is important to keep the pipe ends capped; small amounts of water can be added to the inside when the pipe is subjected to hot, dry climates. Cracks of 1/16 in. (1.6 mm) or less are acceptable by ANSI/AWWA C205. If cracks exceed 1/16 in. (1.6 mm), a slurry mixture can be brushed over the cracked area prior to filling the pipeline. The material requirements and application procedures of cement mortar for field joints and general repairs are described in ANSI/AWWA C205. Do not fill pipe for 72 hr after the last concrete repair.

4.4.5 *Thrust restraint.* The need for thrust restraint is a design consideration that is not covered by this standard. Such restraint typically is provided by welded joints.

4.4.6 *Backfilling.* It is important to identify components of the trench and recognize how they relate to the overall backfilling process and material requirements. Pipe bedding, haunch zone, initial backfill, and final backfill materials are project-specific and can be composed of different materials with varying compaction levels. Subgrade improvement is typically only required when unacceptable material causes an unstable trench bottom. The subgrade improvement depth (if required) is generally specified or directed by the purchaser. Pipe bedding is typically 2 in. to 6 in. (50 mm to 150 mm) in depth directly under the pipe and is loosely consolidated to provide uniform support for the pipe. The haunch zone begins at the bottom of the pipe and is typically placed to a depth of up to 1/3 of the pipe diameter. Haunch area materials are typically the same material as the initial backfill. Proper installation of the haunch zone material provides uniform support of the pipe and has the greatest impact on limiting deflection of the pipe. Voids in the haunch zone of the pipe are unacceptable. Initial backfill typically begins at the top of the bedding or haunch zone and continues to the top of the pipe. Final backfill begins at the top of the initial backfill and proceeds to finished grade. The purchaser should specify if the initial backfill is to be placed above the top of the pipe. Placing initial backfill over the top of the pipe provides a consistent environment encapsulating the pipe, which may aid in the corrosion protection of the pipe. For this case, the initial backfill is typically placed 6 in. (150 mm) over the top of the pipe for pipe smaller in diameter than 24 in. (600 mm) and 12 in. (300 mm) over the top of the pipe for pipe 24 in. (600 mm) in diameter and larger. Typically acceptable final backfill material and compaction requirements are detailed in purchaser's documents, but in all cases, stones or rocks larger than 3 in. (75 mm) in diameter for mortar-coated pipe and 3/4 in. (19 mm) in diameter for dielectric-

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coated pipe may damage the coating and shall not be placed in direct contact with the pipe. From 6 in. to 12 in. (150 to 300 mm) above the top of the pipe to finish grade, material containing stones up to 8 in. (200 mm) in their greatest dimension may be used.

4.4.6.1 Pipe embedment and subgrade material. When the type of backfill material is not specified by the purchaser, the excavated material may be used provided the material meets the requirements of this standard. All pipe embedment and subgrade material shall be free from cinders, ashes, refuse, vegetable or organic material, frozen soil, boulders, rocks or stones larger than 3 in. (75 mm) in diameter for mortar-coated pipe and ¾ in. (19 mm) in diameter for dielectric-coated pipe, or other unsuitable materials.

4.4.6.1.1 Initial backfill may be class SC1, SC2, and SC3, see Table 1, and shall be densified around the pipe in accordance with Figure 6. Minimum density levels of the backfill are important in preventing deflection of the pipe. The density shall be specified by the purchaser or shall be as determined in AWWA M11 by the soil class used and the recommended pipe deflection limits. Regardless of the method of densification used, materials shall be brought up at substantially the same rate on both sides of the pipe. When installing pipe 36 in. (900 mm) and larger, confirm that the backfill properly supports the pipe haunch area. Take care to ensure that the pipe is not floated or displaced before backfilling is complete.

Pipe deflection should be monitored to verify that the proper installation techniques are being used.

4.4.6.1.2 Cohesive soils shall be compacted with mechanical equipment or hand tamping. Care shall be taken not to damage coatings during compaction. Proper equipment and care in placement will ensure the required compaction under the haunch of the pipe. Initial backfill for pipe up to 48 in. (1,200 mm) in diameter shall be placed in layers of not more than 12 in. (300 mm) in thickness. Initial backfill for pipe larger than 48 in. (1,200 mm) in diameter shall be placed in layers not exceeding 24 in. (600 mm) in thickness and subject to meeting the compaction requirements.

4.4.6.1.3 Free-draining soils may be densified by mechanical equipment, hand tamping or tamping with water-using devices, or through methods such as water jets, immersion-type vibrators, or flooding. These soils are usually placed in a minimum of two layers, with the first layer placed loose to no higher than the spring line of the pipe. The thickness of the layers shall not exceed the penetrating depth of the vibrators if consolidation is performed by jetting and internal vibration.

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Table 1 Soil stiffness categories

Soil Stiffness Category	Soil Type*	AASHTO Soil Groups†
SC1	Clean, coarse-grained soils: SW, SP, GW, GP, or any soil beginning with one of these symbols with 12% or less passing a No. 200 sieve	A-1, A-3
SC2	Coarse-grained soils with fines: GM, GC, SM, SC, or any soil beginning with one of these symbols more than 12% fines. Sandy or gravelly fine-grained soils: CL, ML (or CL-ML, CL/ML, ML/CL) with more than 25% retained on a No. 200 sieve	A-2-4, A-2-5, A-2-6, or A-4 or A-6 soils with more than 25% retained on a No. 200 sieve
SC3	Fine-grained soils: CL, ML (or CL-ML, CL/ML, ML/CL) with 25% or less retained on a No. 200 sieve	A-2-7, or A-4 or A-6 soils with 25% or less retained on a No. 200 sieve

*ASTM D2487, Standard Classification of Soils for Engineering Purposes.

†AASHTO M145, Classification of Soils and Soil Aggregate Mixtures.

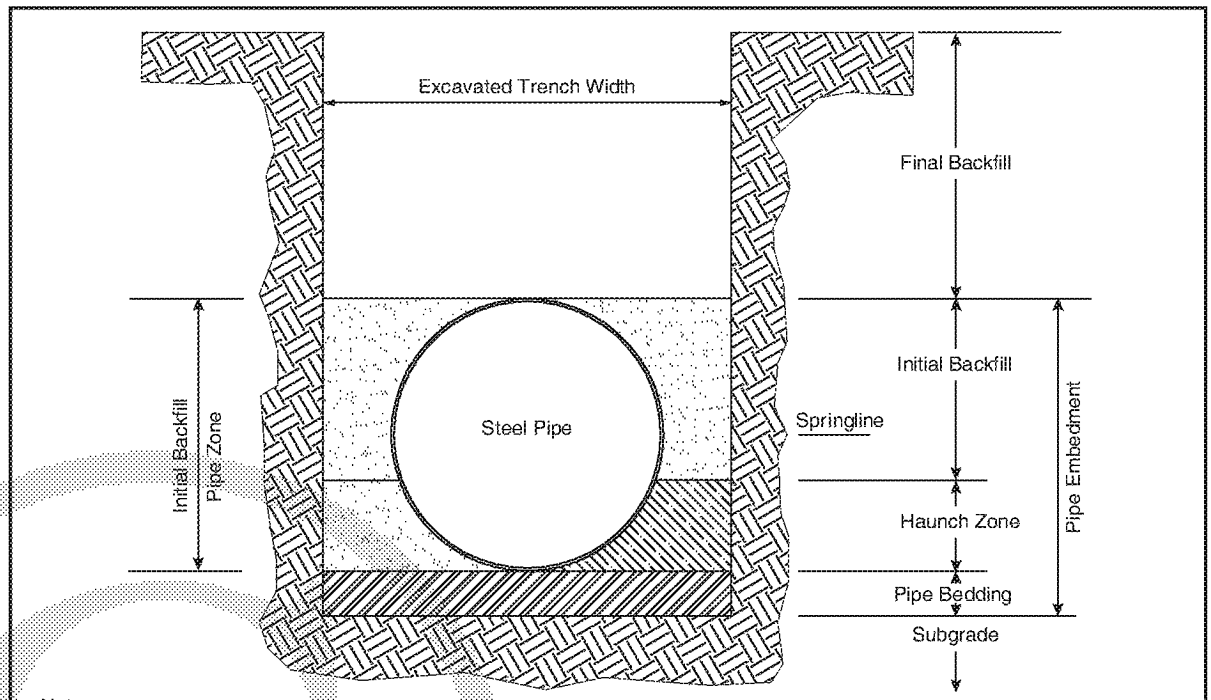

Figure 6 Trench cross section

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4.4.6.1.4 Final backfill above the pipe embedment shall not be placed until the compaction of the pipe embedment backfill is satisfactorily complete. To prevent damage to the pipe, sufficient compacted backfill shall be placed over the pipe before allowing any type of vehicle over it.

NOTE: Loosely placed final backfill above the pipe may promote unwanted surface settlement, which could be detrimental to improvements subsequently placed over the trench.

4.4.6.2 Compaction. Care shall be taken to ensure compaction equipment does not damage the pipe coating. Ensure proper compaction of backfill to avoid ovalling of the pipe beyond the required limits.

4.4.6.3 Partial backfilling during testing. Newly installed pipelines are normally tested after backfilling. When unusual conditions require that pressure and leakage testing be accomplished before completion of backfilling, or with pipe joints accessible for examination, sufficient backfill material shall be placed over the pipe barrel between the joints to prevent movement, and due consideration shall be given to restraining thrust forces during testing.

4.4.7 *Flushing.* Foreign material left in pipelines during installation can result in valve or hydrant seat leakage during pressure tests. Every effort shall be made to keep lines clean during installation. Thorough flushing is recommended prior to a pressure test; flushing shall be accomplished by partially opening and closing valves several times under expected line pressure, with flow velocities adequate to flush foreign material out of the valves.

4.4.8 *Disinfection.* Newly installed mains carrying potable water shall be disinfected in accordance with ANSI/AWWA C651. Provisions shall be made to avoid contamination of existing mains by cross connection during testing/disinfection/flushing of newly installed mains.

NOTE: Discharge from flushing or disinfection shall be directed away from the pipe alignment so that trench stability is not affected and shall be in accordance with federal, state, and local point discharge requirements.

4.4.9 *Highway and railroad crossings.*

4.4.9.1 Casing pipe. When casing pipe is specified for highways or railroad crossings, the project shall be completed in accordance with applicable federal, state or provincial, and local regulations. In the case of railroad crossings, the project shall also comply with regulations established by the railroad.

4.4.9.2 Carrier pipe. The casing pipe and other pipe appurtenances shall be a minimum of 8 in. (200 mm) larger than the outside diameter of the steel pipe

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bells to prevent damage during installation and to prevent pipe-to-casing contact. Carrier pipe may be pushed or pulled through the completed casing pipe. Spacers and/or insulator skids shall be placed around the carrier pipe to ensure approximate centering within the casing pipe and to prevent damage during installation or flotation. Care shall be exercised to avoid metal-to-metal contact. If the casing annulus is grouted, grout pressures and lifts must be maintained to avoid deflecting or collapsing the steel carrier pipe. Carefully monitor the carrier pipe during the grouting operation to verify the proper grouting techniques are being used.

4.4.10 *Subaqueous crossings.*

4.4.10.1 Subaqueous installations. When it is necessary to cross a body of water, the preferable practice is to dewater the area and proceed according to the conventional pipeline construction practices described in this standard. In the event the purchaser's documents allow subaqueous construction, the constructor is strongly advised to use an engineered system specifically developed for the pipe, crossing depth, intended cover, and means planned for such a crossing. The use of a restrained-type joint (welded or mechanical) is recommended. However, the additional details necessary for subaqueous construction are not covered in this standard.

SECTION 5: VERIFICATION

Sec. 5.1 Inspection

5.1.1 *Inspection on delivery.* All pipe and appurtenances are subject to inspection at the point of delivery. Material found to be defective because of manufacture or damage in shipment shall be recorded on the bill of lading and may be rejected. There shall be agreement between the purchaser and constructor regarding any necessary repairs. The purchaser shall be allowed to monitor the repairs prior to installation.

Sec. 5.2 Hydrostatic Field Testing

WARNING: The testing methods described in this section are specific for water-pressure testing. These procedures shall not be applied for air-pressure testing because of the serious safety hazards involved.

The main objective of a field hydrostatic pressure test (hydro test) is to check the watertightness of joints, as each length of pipe is shop tested per purchaser's documents. The hydro test can be performed after backfilling is complete and

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at a purchaser-specified pressure above the design working pressure of the line. Where possible, bolted flexible joints should be left uncovered until the hydro test is complete.

5.2.1 *Test restrictions.* Test pressure shall not exceed 125 percent of working pressure unless taken into consideration in the design and shall never exceed pipe or thrust-restraint design pressures. The line shall be vented and care shall be taken to ensure that all air in the line escapes during the filling operation. The line shall be filled slowly to prevent water hammer.

Upon completion of filling with water, the hydrostatic test shall last at least 2 hr. Pipe with cement–mortar linings should be filled for a minimum of 24 hr prior to testing to allow for water absorption into the lining. Water absorption into linings and other factors may extend the duration required for a successful hydro test.

5.2.2 *Air removal.* Before applying the specified test pressure, air shall be expelled from all air vents along the section of piping being tested.

5.2.3 *Examination.* Any exposed pipe, fittings, valves, and joints shall be examined carefully during the test. In addition, the entire length of the pipeline shall be examined for movement, defects, and leaks that may appear at the surface. Any revealed damage or defective pipe, fittings, valves, or joints shall be repaired or replaced with sound material, and the test shall be repeated until satisfactory results are obtained.

5.2.4 *Allowable makeup water.* Makeup water shall be defined as the quantity of water that must be supplied into the newly laid pipe or any valved section thereof to maintain pressure within 5 psi (34.5 kPa) of the specified test pressure after the pipe has been filled with water and the air has been expelled. Makeup water shall not be measured by a drop in pressure in a test section over a period of time.

The allowable makeup water shall not exceed 10 gal per in. diameter per mi of pipe per 24 hr (0.93 L per mm diameter per km of pipe per 24 hr) as measured by the water required to maintain the specified test pressure.

NOTE: The air removal and test procedure above will expel most but not all air from the pipeline. This section assumes some air will remain in the pipeline during testing and provides for this condition.

5.2.5 *Valve seat leakage.* When testing against closed valves, makeup water per closed valve of 0.0078 gal/hr/in. (1.2 mL/hr/mm) of nominal valve size shall be allowed. This is in addition to the makeup water in Sec. 5.2.4. When testing against existing valves is necessary, some leakage can be expected and should not be the sole basis for rejection.

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5.2.6 *Acceptance of installation.* Acceptance shall be determined on the basis of the hydro test. If any test of laid pipe requires makeup water greater than that specified, repairs or replacements shall be accomplished and the pipe retested.

5.2.6.1 All visible leaks shall be repaired regardless of the amount of leakage.

SECTION 6: DELIVERY

Sec. 6.1 Unloading, Handling, and Storage

Care shall be exercised when unloading, handling, and storing pipe. Nylon or protected slings at least 4 in. (100 mm) wide or padded forks shall be used to handle coated pipe. Cables, chains, ropes, or other equipment that is likely to damage pipe coatings shall not be used.

Coated pipe shall be handled, stored, and shipped in a manner that will prevent damage to the coating. If the coating is damaged during handling, storage, or shipping, it shall be repaired with the original or a compatible repair coating as recommended by the coating manufacturer and in accordance with the applicable AWWA standard.

All pipe, fittings, and accessories shall be loaded and unloaded carefully to avoid impact or damage. Under no circumstances shall such material be dropped.

6.1.1 *Secure pipe.* Before release of tie-downs around the pipe, the loads shall be checked to ensure the pipe is secure and stable.

6.1.2 *Padding.* Slings, hooks, and pipe tongs shall be padded and used in such a manner to prevent damage to the exterior surface or internal lining of the pipe, fittings, or related product.

6.1.3 *Internal bracing.* Pipe manufacturers provide internal bracing for handling and shipping purposes if required. The constructor should maintain the bracing and ensure its adequacy during installation. This bracing may or may not be adequate to limit pipe deflection during backfilling operations. The purchaser should specify the requirements for bracing if its use is desired to limit pipe deflection during backfilling.

6.1.4 *Jobsite storage.* Stored materials shall be kept safe from damage. The interior of all pipe, fittings, and other appurtenances shall be kept reasonably free from dirt or foreign matter at all times.

Coated pipe shall be protected from ultraviolet and weathering damage as recommended by the coating manufacturer. Coated pipe should never be placed,

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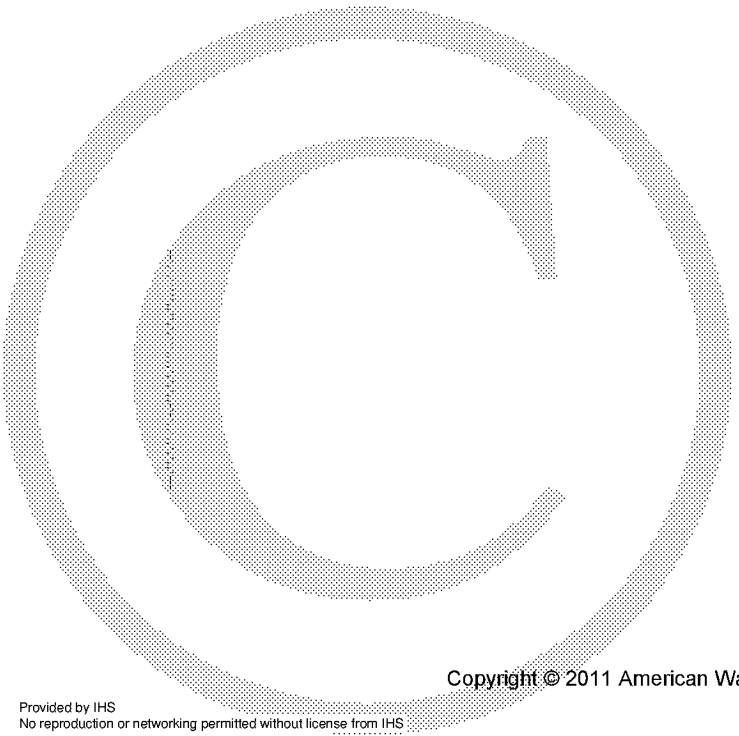
dragged, or rolled directly on the ground. Padded skids, earthen berms, burlap sacks filled with sand, and old car tires are some of the means to adequately bunk the pipe at the jobsite. Pipe shall not be stacked without proper padding. Plastic caps on the pipe ends for pipe that is cement–mortar lined shall be left in place until just prior to installation.

Sec. 6.2 Affidavit of Compliance

The purchaser may require an affidavit of compliance or test reports from the constructor stating that the material installed or tests performed comply with all applicable requirements of this standard.



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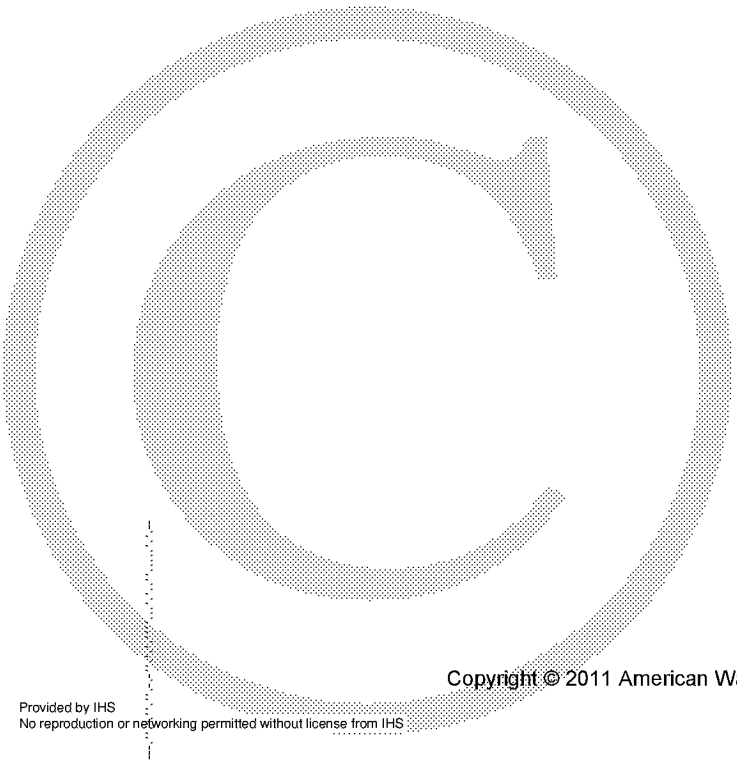

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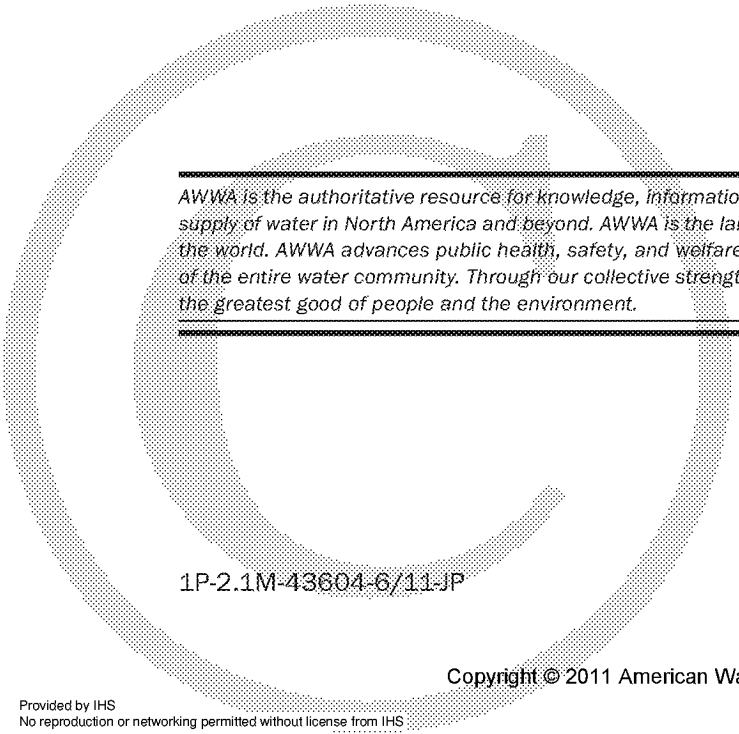

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From: Matt Raysin <M_RAYSIN@gcdcwws.com>
Sent: Monday, July 14, 2014 3:30 PM
To: Prysby, Mike (DEQ)
Subject: RE: Contract S-4002 100% and S-4003 90% Submttals - MDEQ comments
Attachments: 02513 Steel Pipe_REV4 - REVISED 7-10-2014.docx

Here it is. Sorry.

From: Prysby, Mike (DEQ) [mailto:PRYSBYM@michigan.gov]
Sent: Monday, July 14, 2014 2:49 PM
To: Matt Raysin
Subject: FW: Contract S-4002 100% and S-4003 90% Submttals - MDEQ comments

Matt,

What is the status of the revised spec. or addendum that spells out the weld testing methodology? (based on your June 25th message below) Issuance of the Act 399 permit for Contract S-4002 is pending receipt of the revised spec or addendum.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

From: Gotham, Daryl (DEQ)
Sent: Monday, July 14, 2014 2:41 PM
To: Prysby, Mike (DEQ)
Subject: FW: Contract S-4002 100% and S-4003 90% Submttals - MDEQ comments

Mike,

I received this message and the responses to Steve B.'s questions on the Surge Analysis. I never did receive the revised spec that Matt mentioned in the following message.

Daryl

From: Matt Raysin [mailto:M_RAYSIN@gcdcwws.com]
Sent: Wednesday, June 25, 2014 4:38 PM
To: Prysby, Mike (DEQ); Gotham, Daryl (DEQ)
Cc: Bloemker, Jon (DEQ); Busch, Stephen (DEQ); Osborn, Larry (LOSBORN@wadetrim.com); John O'Malia; Elgar Brown (cbrownbear@broadstripe.net); Mike Winegard; Ed Tharp (Ed.Tharp@aecom.com)
Subject: RE: Contract S-4002 100% and S-4003 90% Submttals - MDEQ comments

That sounds great. Yes I was informed of the testing methodology yesterday. I discussed this with American yesterday and I believe we are doing the magnetic particle testing. Once this is verified I will let you know and send the revised spec. These will either be in the addendum or on the original spec if we get it out prior to bidding. One way or another it will get placed in the spec.

As for the surge. Yes I spoke to the PM team yesterday and they are in the process of responding. I do not see any problems with providing a quick response.

From: Prysby, Mike (DEQ) [mailto:PRYSBYM@michigan.gov]
Sent: Wednesday, June 25, 2014 2:40 PM
To: Matt Raysin; Gotham, Daryl (DEQ)
Cc: Bloemker, Jon (DEQ); Busch, Stephen (DEQ); Osborn, Larry (LOSBORN@wadetrim.com); John O'Malia; Elgar Brown (cbrownbear@broadstripe.net); Mike Winegard; Ed Tharp (Ed.Tharp@aecom.com)
Subject: RE: Contract S-4002 100% and S-4003 90% Submttals - MDEQ comments

Matt,
We do not have an objection with KWA wanting to use the more conservative leakage formula for the pipeline as opposed to the formula provided in AWWA C-604. We are also not opposed to the exclusion of the welded joints in the formula; however, since this results in a much lower leakage tolerance…. all welded joints need to be properly tested . The specification should clearly state an acceptable testing methodology such as radiography, sonograms, or magnetic particle testing.

Finally, it is our understanding that we will be receiving a response from Genesee County concerning our questions/comments from the updated surge analysis.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

From: Matt Raysin [mailto:M_RAYSIN@gcdcwws.com]
Sent: Tuesday, June 24, 2014 6:05 PM
To: Gotham, Daryl (DEQ); Prysby, Mike (DEQ)
Cc: Bloemker, Jon (DEQ); Busch, Stephen (DEQ); Osborn, Larry (LOSBORN@wadetrim.com); John O'Malia; Elgar Brown (cbrownbear@broadstripe.net); Mike Winegard; Ed Tharp (Ed.Tharp@aecom.com)
Subject: RE: Contract S-4002 100% and S-4003 90% Submttals - MDEQ comments

I would like to revisit the conversation this morning regarding the pressure test. The new leakage method based on AWWA 604-11 the 66" pipe would allow 55 gal/mile leakage in a 2 hour period. The current specified method in section 02315 would allow roughly 0.2 gal/mile leakage in a 2 hour period depending on the pressure (150 to 350 psi) and the(J) number of joints 1 per mile to 12 per mile (welded joints do not count so only the valves count on the 66" line, but if you count the hydrants, and air release valves, which are not normally counted, it could be 6-12 per mile depending on the section). Note that you would have to have about 165 joints per mile (an average of 1 joint every 32 feet) @ 350 psi to equal the 55 gal per 2 hours allowed by the new formula. For 150 psi, it would have to have the equivalent of 252 joints per mile to get the 55 gal leakage in 2 hours that is allowed by the new method. The current specification indicates to test at the pressure equal to the pressure class listed on the drawings, where the new version would say test at no more than 125% of the working pressured. The working pressure is not defined anywhere so is that the pressure class of the pipe, or the pressure within the pipe that is expected during operation?

The 60" would be somewhat similar to the 66", except the pressures would be lower on the 60" pipe.

With that being said will the MDEQ allow the current specifications to remain or do we need to still reference AWWA 604-11 for testing even though the allowable leakage is well above what we are allowing.

From: Gotham, Daryl (DEQ) [mailto:GOTHAMD@michigan.gov]
Sent: Thursday, June 19, 2014 3:34 PM
To: Prysby, Mike (DEQ); Osborn, Larry (LOSBORN@wadetrim.com); John O'Malia; Elgar Brown (cbrownbear@broadstripe.net); Matt Raysin
Cc: Bloemker, Jon (DEQ); Busch, Stephen (DEQ)
Subject: Contract S-4002 100% and S-4003 90% Submttals - MDEQ comments

We've completed the review of both projects and the only significant issues that resulted were the Leakage Test formulas that Mike Prysby identified in his review of S-4005. When the corrected specs are received, I am prepared to issue the permit for S-4002. If I have them by early afternoon on Monday, June 23rd, I can bring the permitted plans and specifications to the June 24th meeting. I'm willing to replace the corrected section of the spec into the previously submitted specs if that is easier. Emailing them to me would be fine.

Thanks,

Daryl J. Gotham, P.E.
Michigan Department of Environmental Quality
Office of Drinking Water & Municipal Assistance
Saginaw-Bay District Office
401 Ketchum Street, Suite B
Bay City, MI 48708
989-450-8146 (Phone)
989-891-9213 (Fax)

SECTION 02513

STEEL PIPE WATER MAIN

PART 1 GENERAL

1.1 SUMMARY

A. Section Includes:

1. Steel pipe and fittings.

2. Pressure Testing water main.

3. The pipe specified under this section is to be minimum 48-inches in diameter.

B. Related Sections:

1. Section 02055 - Soils

2. Section 02060 - Aggregate

3. Section 02324 - Trenching

4. Section 02518 - Thrust Restraints

5. Section 02519 - Buried Valves

6. Section 02633 - Valve Vaults, Manholes, Frames and Covers

1.2 REFERENCES

A. ASTM International, (ASTM):

1. ASTM D1557 - Standard Test Method for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 Ft - Lbf/Ft3 (2,700 Kn-M/M3).

2. ASTM A139 - Standard Specification for Electric-Fusion (Arc) -Welded Steel Pipe (NPS 4 and Over).

3. ASTM A36 - Carbon Structural Steel, Specification For.

4. ASTM A283 - Low and Intermediate Tensile Strength Carbon Steel Plates, Specification For.

5. ASTM A572 - Standard Specification for High Strength, Low-Alloy Columbium Structural Steels.

6. ASTM E709 - Magnetic Particle Examination, Guide For.

B. American Society of Mechanical Engineers, (ASME):

1. ASME Section V - Nondestructive Testing.

2. ASME Section IX - Welding and Brazing Qualification.

C. American Welding Society, (AWS):

1. AWS B2.1 - Standard for Welding Procedure And Welding Qualifications.

2. AWS D1.1 - Structural Welding Code - Steel.

3. AWS D1.3 - Structural Welding Code – Sheet Steel.

D. American Water Works Association, (AWWA):

1. AWWA C150 - Thickness Design of Ductile Iron Pipe.

2. AWWA C151 - Ductile Iron Pipe Centrifugally Cast.

3. AWWA C200 - Steel Water Pipe - 6 In. (150 mm) and Larger.

4. AWWA C205 - Cement-Mortar Protective Lining and Coating for Steel Water Pipe - 4 In. (100 mm) and Larger - Shop Applied.

5. AWWA C206 - Field Welding of Steel Water Pipe.

6. AWWA C207 - Steel Pipe Flanges for Waterworks Service - Sizes 4 In. Through 144 In.

7. AWWA C208 - Dimensions for Fabricated Steel Water Pipe Fittings.

8. AWWA C209 - Cold-Applied Tape Coatings for the Exterior of Special Sections, Connections, and Fittings for Steel Water Pipelines.

9. AWWA C210 - Liquid Epoxy Coating Systems for the Interior and Exterior of Steel Water Pipes.

10. AWWA C214 - Tape Coatings Systems for the Exterior of Steel Water Pipelines.

11. AWWA C216 - Heating-Shrinkable Cross-Linked Polyolefin Coatings for the Exterior of Special Sections, Connections, and Fittings for Steel Water Pipelines.

12. AWWA C218 - Coating the Exterior of Aboveground Steel Water Pipelines and Fittings.

13. AWWA C222 - Polyurethane Coatings for the Interior and Exterior of Steel Water Pipe and Fittings.

14. AWWA - Manual M11 - Steel Pipe a Guide for Design and Installation.

15. AWWA C602 - Cement Mortar Lining of Water Pipelines In Place – 4 in. and larger.

1.3 SUBMITTALS

A. Section 01330 - Submittal Procedures: Requirements for submittals.

B. Shop Drawings: Submit drawings showing pipe size, fitting size and location, valve location and joint details.

C. Product Data: Submit catalog data showing pipe sizes, and manufacturing standards. Design calculations for internal pressure, vacuum and external load conditions for non-restrained and restrained joints. Tabulate laying schedules corresponding to the serial numbers and/or identification numbers to be painted on the pipes, specials and fittings. Quality assurance test procedures, test reports for pipes, specials and fittings (as specified under Quality Assurance Tests). Quality control test reports for each production run of pipe, including production welds, welding operator tests and mill test reports of all steel plates, sheets and other materials used. Manufacturer's installation guide. Affidavits of compliance with the Contract Specifications - Certificate of Design. The affidavits shall include:

1. Pipes, specials and fittings (AWWA C200).

2. Cement-mortar protective lining (AWWA C205 and AWWA C602).

3. Tape coating for the exterior (AWWA C214 and AWWA C209).

4. Shrink wrap for exterior (AWWA C216).

5. Paint system for the exterior (AWWA C210, C218 or C222). The affidavits of compliance shall be signed by an authorized professional.

6. Bonding Straps.

7. Manufacturer's standard repair procedures.

8. Manufacturer's written quality control procedures.

D. Manufacturer's Installation Instructions: Indicate special installation requirements.

E. Manufacturer's Certificate: Certify that Products meet or exceed specified requirements.

1.4 CLOSEOUT SUBMITTALS

A. Section 01700 - Execution Requirements: Closeout procedures.

B. Manufacturer's field reports.

C. Project record documents:

1. Accurately record actual locations of piping mains, valves, connections, and invert elevations.

2. Identify and describe unexpected variations to subsoil conditions or discovery of uncharted utilities.

3. Provide a final record laying schedule.

1.5 QUALITY ASSURANCE

A. Perform Work in accordance with the basic provisions of AWWA C200 and M11, and the County Drain Commissioner's and other governing agencies.

B. Manufacturer Qualifications: Company specializing in manufacturing the Products specified in this section with minimum five years documented experience with the pipe diameters, lining and coatings to be utilized. The pipe manufacturer and the plant shall be ISO 9000 or SPFA certified.

C. Verification:

1. Inspections: All pipe shall be subject to inspection at the place of manufacture in accordance with the provisions of ANSI/AWWA C200 and ANSI/AWWA coating and lining standard as supplemented by the requirements herein.

2. Tests: Except as modified herein, all materials used in the manufacture of the pipe shall be tested in accordance with the requirements of ANSI/AWWA C200 and ANSI/AWWA coating and lining standards.

3. CONTRACTOR shall perform said material tests at no additional cost to OWNER. ENGINEER shall have the right to witness all testing conducted by CONTRACTOR.

4. Welding Requirements: All welding procedures used to fabricate pipe shall be qualified under the provision of ANSI/AWS B2.1 or ASME Sec. IX. Welding procedures shall be required for, but not limited to, longitudinal and girth or spiral welds for pipe cylinders, spigot and bell ring attachments, reinforcing plates and ring flange attachments, and plates/ring lug attachments.

5. Welder Qualifications: All welding shall be done by skilled welders, welding operators, and tackers who have had adequate experience in the methods, positions and materials to be used. Welders shall maintain current qualifications under the provisions of ANSI/AWSB2.1 or ASME Sec. IX. Machines and electrodes similar to those in the WORK shall be used in qualification tests. CONTRACTOR shall furnish all material and bear the expense of qualifying welders.

1.6 REGULATORY REQUIREMENTS

A. Recommended Standards for Water Works as Published by the Great Lakes, Upper Mississippi River Board of the Public Health and Environmental Managers (Ten States Standards).

1.7 DELIVERY, STORAGE, AND HANDLING

A. Section 01600 - Product Requirements: Provisions for the delivery, storage, protection and handling of products to and at site.

B. Accept pipe on site. Inspect for damage and inventory.

C. Pipe and fittings shall be handled by padded slings or the manufacturer's approved devices which will not damage the pipe exterior coating or mortar lining.

D. Rolling or sliding of pipe shall be prohibited under all circumstances and regardless of provisions made to protect pipe. Any pipe dropped shall be inspected by ENGINEER and repaired by CONTRACTOR or manufacturer to the satisfaction of ENGINEER, or if necessary, returned to the manufacturer's plant.

E. Provide stulls for shipping when required by manufacturer's recommendations.

F. Provide padded bolsters on trucks or rail cars to spread load and provide uniform support.

G. All pipe and fittings damaged in shipment or by handling at the job site prior to placement shall be inspected by ENGINEER and repaired by CONTRACTOR or manufacturer using manufacturer approved material and procedures to the satisfaction of ENGINEER, or if necessary, returned to the fabrication plant for approved repairs.

H. The pipe shall be strung along the route of the pipeline to the satisfaction of ENGINEER and shall be protected by the CONTRACTOR with proper lights, barricades, etc.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Steel Pipe.

1. OWNER Supplied Pipe

2. CONTRACTOR Supplied Pipe

a) American Cast Iron Pipe Co.

b) Northwest Pipe Company

c) Section 01600 - Product Requirements: Product options and substitutions. Substitutions: OWNER approved substitutions permitted.

2.2 STEEL PIPE AND FITTINGS

A. Pipe: Spiral welded with wall thickness in accordance with AWWA Manual M11.

1. All fabricated material shall be supplied and made by the pipe manufacturer.

2. Pipe, fittings and specials shall be marked as to mark number, date of manufacture, type with head classification and/or depth of bury in conformance and corresponding with approved laying schedule.

3. Pipe to meet all requirements of AWWA C200.

4. Steel for all fabricated pipe, specials and fittings shall conform to latest edition of ASTM A572 Grade 50 A139 Grade E or A139 Grade C unless otherwise specified. Maximum tensile stress under combined design minimum internal pressure plus water hammer or surge of a minimum of 100 psi shall not exceed 75% of the minimum specified yield strength of the material for all buried and unburied pipe, specials, and fittings based on the working pressure plus surge pressure.

5. Unless otherwise specified, the minimum steel cylinder thickness of cement lined pipe shall meet or exceed the requirements of AWWA C205.

6. OWNER Supplied Pipe:

a. Minimum pressures and thicknesses shall be as indicated below for the 66-inch and 60-inch steel pipe that is OWNER supplied. The working pressure for any pipe or appurtenances connected to these steel pipelines shall have a minimum pressure capable of withstanding the working pressure plus the surge pressure.

66-Inch Pipe			
Contract #	**Maximum Working Pressure**	**Additional Surge Pressure Allowance**	**Minimum 66" Wall Thickness With 52 ksi Steel**
S.4001	243 psi	121 psi	0.317"
S.4002	225 psi	113 psi	0.294"
S.4003	225 psi	113 psi	0.294"
S.4004	225 psi	113 psi	0.294"

60-Inch Pipe			
Contract #	**Maximum Working Pressure**	**Additional Surge Pressure Allowance**	**Minimum 66" Wall Thickness with 52 ksi Steel**
S.4004	247 psi	124 psi	0.294"
S.4005	247 psi	124 psi	0.294"
S.4006	247 psi	124 psi	0.294"

7. CONTRACTOR Supplied Pipe:

   a. The minimum working pressure ratings for CONTRACTOR supplied pipe are listed below based on the anticipated maximum pressure based upon surge modeling of the system.

Contract #	Maximum Working Pressure	Additional Surge Pressure Allowance
S.4001	250 psi	100 psi
S.4002	250 psi	100 psi
S.4003	200 psi	100 psi
S.4004	150 psi	100 psi
S.4005	150 psi	100 psi
S.4006	150 psi	100 psi

   b. Minimum thicknesses shall be adjusted based on the Grade of steel used. Pipe thickness shall be adjusted as needed if higher pressure ratings are indicated on the Contract Drawings. However, in no case shall the pipe pressure ratings be less than indicated above for any pipe associated with each particular contract.

8. It should be noted that the pipe OD shall be considered during manufacture such that CONTRACTOR supplied pipe can be properly connected to OWNER supplied pipe.

9. Design buried steel pipe, fittings and specials to withstand a collapse vacuum pressure of 14.7 psi. Design with trench soil compacted to 95% of maximum density per ASTM D1557 and a minimum factor of safety of 2.0 based on actual external loading (4 foot minimum) plus vacuum of 14.7 psi. Proper credit may be given to the cement mortar lining. Provide calculations to verify this.

   Design unburied steel pipe, fittings, and specials to withstand a collapse vacuum pressure of 14.7 psi with a minimum factor of safety of 1.5 without credit to the cement mortar lining. The wall thickness may be calculated using AWWA M11 Steel Pipe - A Guide for Design and Installation, Equations 4-4.

10. Design pipe for cover conditions as shown on the plans with a minimum of 4 feet of cover, at 120 lbs per cubic foot soil weight in accordance with AWWA M11. Modulus of soil reaction (E') of 1000 lbs per square inch to be used for design with a wide trench width and with one AASHTO HS20 truck.

11. The maximum allowable standard pipe deflection (out of round) shall be 3.0 percent, of the pipe inside diameter.

12. The wall thickness shall be increased, as required, at all bends, fittings, and anchorage locations where thrust is transmitted by the pipe, or for special applications or conditions. Pipe to be installed inside a tunnel casing shall be designed for full cover, including both live load and vacuum pressure.

13. Pipe is to be furnished principally in fifty (50) foot net laying lengths with special lengths, field-trim pieces, and closure pieces as required by plan and profile for location of elbows, tees, reducers, and other in line fittings. The pipe fabricator shall prepare a pipe laying schedule showing the location of each piece by mark number with station and invert elevation at each bell end.

    All steel pipe, specials and fittings shall be designed in accordance with the above specified design internal pressure (working pressure and surge pressure), design stress, external loading, vacuum conditions, materials and minimum wall thickness.

B. Fittings: Constructed of same material as pipe and shall be in accordance with AWWA C208 and M11.

C. Joints: The standard joint shall be an approved bell and spigot type suitable for lap welding of the joint or Flex-Ring boltless connection at the valves.

D. Adaptors: The manufacturer shall supply an insulated adapter where the pipeline is connected to any other existing or proposed pipeline where called out on the Contract Documents.

E. Electrical Continuity: Provide electrical continuity in the form of metallic bonds between each pipe or fitting joint that is not a welded joint using jumper wires. This applies to all valves or other push-on joints.

1. Provide at least two bonds between the steel cylinders of all adjacent pipe sections.

2. Bond length: Sufficient slack to allow for a total joint displacement of 2 inches.

3. Bonds: Either insulated No. 4 AWG cable or steel rod welded to adjacent cylinders.

    a. If insulated copper cable is used, coat all bare copper and steel at the connection with a dielectric.

F. Corrosion Control Test Stations:

1. Corrosion control test stations shall generally be post mount type above grade; however, flush mount type may be used when called on the Contract Drawings or approved by OWNER in special situations. Test stations shall consist of test wires and a terminal box of suitable type and size to allow access for testing. When approved by OWNER in unusual situations, flush

mount test stations shall be allowed. Terminal boxes shall have a lockable, removable cover and shall be designed suitable for installation in road rights-of way.

2. In areas susceptible to flooding or standing water, a water tight terminal box shall be provided. The box shall be designed to maintain the electrical terminals in a dry environment if the test station is completely submerged.

3. Acceptable terminal boxes are Fink manufactured by Cott Manufacturing Co. or OWNER approved substitute and shall be submitted with details for review and approval.

4. Along the water main route corrosion test stations shall be installed at locations and intervals indicated on the Contract Drawings.

5. The following wires shall be attached to the water transmission main and metallic casing pipes.

   a. One No. 12 AWG solid copper wire with TW or THW insulation.

   b. One No. 8 AWG stranded copper cable with high molecular weight polyethylene (HMWPE) insulation.

   c. Both wires shall terminate in the terminal box.

2.3 OWNERWELDED JOINTS FOR STEEL PIPE

A. Factory Welded Joints

1. All welds shall be sound and free from embedded scale or slag, have tensile strength across the weld not less than that of the thinner of the connected sections, and be watertight. Butt welds shall be used for all welded joints in the fabrication of bends and specials. Fillet welds shall be used for flange attachment in accordance with AWWA C207.

2. A yield point determination of a welded joint shall be made by an independent or manufacturer's certified testing laboratory at the beginning of the Work. All costs for laboratory testing shall be paid for by CONTRACTOR. Submit test report to ENGINEER.

B. Field Welded Joints

1. Field welded joints to conform to AWWA C206.

2. All welders and welding procedures used to install pipe shall be qualified under provisions of AWWA C206 and AWS D1.1.

3. Interior welds shall be done after joint shrink-wrap and trench backfill has been completed. Care shall be taken to prevent damage to the interior cement lining as well as the exterior shrink-wrap joint material and the polyurethane exterior coating.

4. Where exterior welds are performed adequate space must be provided for welding and inspection of joints.

5. All welded pipe joints shall have a minimum of two passes. The first pass for sealing the joint shall be a continuous seal weld around the joint.

a. Unless double fillet welds are specified, field welded lap joints and butt straps shall be fillet welded from the inside or outside of the pipe for pipe larger than 30-inches diameter and from the outside of the pipe for pipe 30-inches diameter and smaller.

b. Butt straps, where used or required, shall be minimum of 12-inches wide, same thickness and as pipe wall and provide for a minimum of 2-inches lap at each pipe joint.

6. All welds to be visually inspected and be acceptable for the following criteria:

a. Weld to have no cracks.

b. Thorough fusion shall exist between adjoining layers of weld metal.

c. All craters shall be filled to the full cross section of the weld.

d. Weld profiles to be in conformance with AWS.D1.1.

e. A fillet weld in single continuous weld is permitted to underrun the nominal fillet size specified by 1/16-inch provided that the undersize portion for the weld does not exceed 10 percent of the length of the weld.

f. Undercut to be no more than 0.01 inches deep.

g. Frequency of piping porosity in weld shall not exceed one in 4-inches of weld length and maximum diameter shall not exceed 3/32 inches.

h. In addition to a visual inspection test (VT), all fillet welds for lap joints must be tested using magnetic particle testing (MT) equipment in accordance with acceptance criteria stated in AWS D1.1.

C. Field Welding Report

1. Welding reports for each field welded joint shall be submitted to ENGINEER on a daily basis.

2. Welding report shall include

a. Weld joint station number

b. Date of weld

c. Welder's name and signature

d. Actual weld size at four quadrants of pipe and total number of weld passes.

e. Photographs identified by joint station and/or pipe mark numbers for all joints.

D. Field Applied Shrink Wrap, Photographs and Report

1. Each pipe joint shall have a manufacturer provided heat-shrinkable sleeve applied in accordance with ANSI/AWWS C216 and the manufacturer's recommendations.

2. Each pipe joint receiving field applied shrink wrap shall be photographed by CONTRACTOR and submitted to ENGINEER in a report. The report shall be organized in a manner approved by ENGINEER and OWNER and clearly show the details of the completed joint.

3. CONTRACTOR shall mark the date that shrink wrap was completed and the initials of the foreman next to the factory painted pipeline station number and also showing at least one pipe mark. Lettering size to be the same as used for the pipe stationing number.

2.4 COATINGS AND LININGS

A. Polyurethane Exterior Coating: (All buried pipe, fittings and specials)

1. Manufacturer factory applied polyurethane exterior coating shall meet or exceed the requirements of AWWA C222.

2. Coating Repair:

a. Coating repair shall be done in accordance with the pipe manufacturer's recommendations using repair materials approved by the pipe manufacturer. Repair options include: Repair Patch; Melt Stick; Epoxy Primer and Mastic Filler. All repairs shall be done in the presence of and to the satisfaction of ENGINEER.

b. Coating repair locations shall be documented by photograph, before repair, and after repair and shall include the stationing along the pipe as well as the pipe mark.

3. Holiday Test

a. Prior to shipment, the pipe shall be given an electrical holiday test using manufacturer approved testing equipment that provides audio detection of holidays. Prior to placement, the pipe shall be visually inspected for damage to the coating. Any areas that appear damaged shall be given an electrical holiday test using manufacturer approved testing equipment that provides audio detection of holidays. If the tests indicated no holidays and no visible damage is observed, no repairs are required.

b. When the damaged area shows a holiday when tested, repairs to the area shall be made in accordance with the procedure described above. The repaired area shall then be holiday tested to determine it is satisfactory.

B. Cement Mortar Lining per AWWA C205

1. Cement Mortar Lining of Steel Pipe:

a. Except as otherwise provided in AWWA Standard C205, interior surfaces of all steel pipe, fittings and specials shall be cleaned and lined in the shop with cement mortar lining applied centrifugally in conformity with AWWA Standard C205.

1) The lining machines: Types that have been used successfully for similar work and must be accepted by the Resident ENGINEER or his designated representative.

2) Take every precaution to prevent damage to the lining.

3) If lining is damaged or found faulty at the delivery site, replace the damage, or unsatisfactory portions with lining conforming to these Specifications.

b. Leave ends bare where field joints occur as shown on the Plans.

1) Leave ends of the linings square and uniform.

2) Feathered or uneven edges will not be permitted.

c. Remove defective linings, as identified in AWWA C205, from the pipe wall and replace to the full thickness required.

1) Cut back defective linings to a square shoulder in order to avoid feather-edged joints.

d. Keep cement-mortar lining moist during storage and shipping.

2. Fittings: Line fittings per AWWA C205.

3. Joint Coating and Pointing:

a. For pipe diameters 22 inches and larger: After the pipe zone bedding and backfill have been densified to at least one (1) foot above the top of the pipe, the inside joint recess of pipe 22 inches in diameter and larger shall first be moistened, then filled and pointed with a stiff cement mortar consisting of one part cement to two parts of sand, by weight. The finished joint shall be smooth and flush with the adjacent pipe surfaces. Interior joint pointing operations shall not be conducted within two joints of pipe laying operations.

4. Joint Coating Report

a. Photographs of each joint identified by joint station and/or pipe mark numbers shall be supplied by CONTRACTOR to ENGINEER for all joints installed. This documentation may be combined with other joint documentation.

2.5 BEDDING AND BACKFILL MATERIALS

A. Bedding Material:

1. Fill type as specified in Section 02060 - Aggregate, and the Contract Drawings.

B. Backfill Material:

1. Fill type for granular backfill and for soil backfill as required and as specified in Section 02055 - Soils, Section 02060 - Aggregate, and the Contract Drawings.

2.6 PIPE MATERIAL TESTS

A. In accordance with AWWA C200 and C208.

2.7 CASING PIPE

A. Use steel casing pipe conforming to MDOT Standards or other appropriate governing body. The casing pipe shall be continuous either by one pipe fabrication or by field welded joints in accordance with AWWA C206. Unless otherwise listed, casing pipe shall have a minimum yield strength of 35,000 psi.

B. Install casing pipe in the size and thickness according to the Contract Documents.

PART 3 EXECUTION

3.1 EXAMINATION

A. CONTRACTOR shall be responsible for coordinating shipment of OWNER Supplied Material directly with the Supplier, which shall be established and determined at the initial Project Meeting. If Bidder/CONTRACTOR requires any change to the delivery dates and times agreed upon at the initial Project Meeting, it shall give Supplier at least three (3) days' notice.

B. Section 01300 - Administrative Requirements: Coordination and project conditions.

C. Verify that trench cut is ready to receive work and excavation, dimensions, and elevations are as indicated on Drawings.

3.2 PREPARATION

A. Hand trim excavations to required elevations.

1. Correct over excavation with bedding material and compact to 95 percent of maximum density as specified in ASTM D1557.

B. Remove large stones or other hard matter that could damage pipe or impede consistent backfilling or compaction.

3.3 BEDDING

A. Excavate pipe trench in accordance with Section 02324.

B. Place bedding material in layers as specified in Section 02324.

3.4 INSTALLATION - PIPE

A. General:

1. Use proper and suitable tools and appliances for safe and convenient handling and laying pipes and fittings.

2. Make joints and install pipe and fittings in accordance with the instructions of the pipe manufacturer and AWWA Manual M11.

3. Examine all pieces for defects before installing in the ground and discard defective pieces.

4. The CONTRACTOR shall have on hand a sufficient supply of assorted short pipe lengths, adaptors, and any other fittings necessary to prevent delays in pipe laying.

5. Clean the interior of pipes and fittings before laying and keep clean until the completed work is ready for acceptance.

6. Lay pressure pipe to line and grade in the trench only after the trench has been dewatered and the foundation and bedding has been prepared in accordance with Section 02324.

    a. Mud, silt gravel, and other foreign material shall be kept out of the pipe and off the jointing surface.

7. All welding materials and procedures shall conform to ANSI/AWS D1.1, D1.3, and ANSI/ASME Boiler and Pressure Vessel Code, Section IX; AWWA C206, Field Welding of Steel Water Pipe; and applicable State Labor Regulations.

8. Install corrosion protection coating at joints and other repair locations, per manufacturers' instructions.

9. It should be noted that the Modulus of soil reaction (E') of 1000 lbs per square inch to be used for design of the pipe and trench. Care should be taken to assure that the trench preparation, backfill, bedding and compaction are performed in accordance with the specifications to achieve this support. Failure to achieve an E' of 1000 psi will be observed during the deflection testing.

B. Pipe Laying:

1. Lay pipe in a straight line unless shown otherwise indicated or approved by ENGINEER.

2. Maximum pipe joint deflection, if permitted, in accordance with the pipe manufacturers recommendations.

3. Long radius curves, either horizontal or vertical, may be laid with standard pipe by deflections at the joints.

4. Where field conditions require deflection of curves not anticipated by the Drawings, ENGINEER will determine the methods to be used.

    a. No additional payment will be made for laying pipe on curves as shown, or for field changes involving standard lengths of pipe deflected at the joints.

    b. When fittings not shown are required to meet field conditions, additional payment will not be made for fittings.

5. When pipe is laid on a curve, use fittings to obtain the curved alignment.

6. Inspect each pipe and fitting before lowering the buried pipe or fitting into the trench.

    a. Inspect the interior and exterior protective coatings.

    b. Patch damaged areas in the field with material similar to the original.

    c. Clean the ends of the pipe thoroughly.

    d. Remove foreign matter and dirt from inside of the pipe and keep it clean during and after laying.

    e. Handle pipe in a manner to avoid any damage to the pipe.

f. Do not drop or roll pipe into trenches under any circumstances.

7. Connections to Existing Water Mains:

a. Make connections to mains in use where shown.

b. Provide the fittings required to make the connections.

c. Where the connection of new work to old requires interruption of service and notification of customers affected, arrange with the superintendent of the utility and ENGINEER for a mutually agreed upon time to perform the work.

8. Project Termination:

a. Where the water main terminates, for any segment of this project, provide all necessary restraint and fittings and connect to the existing water main. If no existing water main is available, install a plug, with all necessary restraint and fittings, as a temporary cap. See Section 02518 for thrust blocking and restraint.

C. Installation in bored casing pipe:

1. Support pipelines, installed in casing, throughout their length with casing spacers or wood skids.

a. Spacers:

1) 12-inch wide 304 stainless steel spacers, minimum of2" wide glass reinforced plastic runners, PVC liner, and stainless steel bolts and lock nuts.

2) Place casing spacers at intervals per manufacturers' recommendations, with a maximum distance of 10-feet on center with a minimum of three (3) spacers per pipe length, with one (1) spacer within two (2) feet from any end and with ENGINEER's approval.

b. Skids:

1) Material

a) Seasoned western red cedar with the dimensions necessary to achieve the required pipe grade.

b) Pressure treated lumber with an approved preservative and dimensions necessary to achieve the required pipe grade.

c) Oak with dimensions necessary to achieve the required pipe grade.

2) Fasten skids to the pipe with hot dipped galvanized steel strapping or stainless steel strapping.

2. End treatment of the casing: In accordance with Contract Drawings, or if nothing is listed on the Drawings, the end shall be bulkheaded with 8-inch watertight masonry bulkhead.

3. Casing Fill: In accordance with Contract Drawings, or if nothing is listed on the Drawings, the casing shall be filled with peastone or granular fill.

3.5 WATER MAIN AND SEWER SEPARATION

A. Horizontal Separation:

1. Lay water mains at least ten (10) feet horizontally from any existing or proposed drain, storm sewer, sanitary sewer, combined sewer or sewer service connection per requirements of the Michigan Department of Environmental Quality.

2. Water mains may be laid closer than ten (10) feet form a sewer line when:

a. Local conditions prevent a lateral separation of the (10) feet.

b. The water main invert is at least 18-inches above the crown of the sewer; and

c. The water main is either in a separate trench or in the same trench on an undisturbed earth shelf located to one side of the sewer.

3. Both the water main and drain or sewer shall be constructed of slip-on or mechanical joint cast or ductile iron pressure pipe or PVC pipe meeting the requirements of Michigan Department of Environmental Quality when it is impossible to meet (1) or (2) above. The drain or sewer shall be pressure tested to the maximum expected surcharge head before backfilling.

B. Vertical Separation:

1. Lay water main so that its invert is 18-inches above the crown of the drain or sewer, or as shown on the Contract Drawings, whenever water mains cross storm or sanitary sewers or sewer service connections.

a. Maintain the vertical separation for that portion of the water main located within 10 feet horizontally of any sewer or drain crossed.

b. Center a length of water main pipe over the sewer to be crossed with joints equidistant from the sewer or drain.

2. Both the water main and sewer shall be constructed of slip-on or mechanical joint cast iron or ductile iron pipe or PVC pipe meeting the requirements of the requirements of Michigan Department of Environmental Quality when:

a. It is impossible to obtain the proper vertical separation as described in (1) above, or:

b. The water main passes under a sewer or drain.

3. Maintain vertical separation of 18-inches between the invert of the sewer or drain and the crown of the water main where a water main crosses under a sewer.

4. Support the sewer or drain lines to prevent settling and breaking the water main.

5. Extend construction on each side of the crossing until the normal distance from the water main to the sewer or drain is at least 10 feet.

3.6 PIPE ADJUSTMENTS

A. Sewer Service Pipes Adjusted:

1. Adjust only those sewer service pipe that lie within the cross-sectional area to be occupied by the new water main and only when approved in writing by ENGINEER.

2. Replacement pipe: ductile iron, per AWWA C150 and C151 Class 52 minimum, with push-on joints.

3. Make connection to existing pipe with flexible band seal type connectors.

B. Water Service Pipes Adjusted:

1. Adjust water service pipes which lie within the cross-sectional area to be occupied by the new water main per Contract Documents and when approved in writing by ENGINEER.

3.7 APPURTENANCES

A. Valves: See Section 02519 - Buried Valves.

B. Hydrants: See section 02081 - Hydrants.

C. Valve Basins: See Section 02633 - Storm Drainage Manholes, Frames and Covers.

D. Catch Basins or Storm Water Inlets Replaced:

1. General:

a. Remove and reconstruct all storm water inlets or catch basins interfering with the construction of the water main as indicated on the Contract Drawings and per ENGINEER.

2. Remove castings carefully, store and reuse.

a. The size and shape of the reconstructed item: Same as that removed.

b. Materials and workmanship: As specified for valve basins in Section 02633.

c. Reconnect connecting lead to the main sewer with ASTM C-14 Extra Strength pipe, with O-rings and push-on joints.

E. Sewer Replacement:

1. General:

a. Remove and replace sewer as indicated on the Contract Drawings and per ENGINEER.

b. Replace sewer with material specified.

F. Corrugated Metal Culvert Pipe Replacement:

1. General:

a. Remove and replace culvert pipe as indicated on the Contract Drawings and per ENGINEER.

b. Replace with material specified.

3.8 TESTING AND INSPECTION REPORTS

A. General:

1. After the joint configuration is complete, each length of pipe, as well as each fitting, special and appurtenance shall be shop tested to a pressure which will induce a hoop stress equal to at least 75% of the yield stress of the steel. Daily certified reports of hydrostatic tests shall be submitted to ENGINEER on a weekly basis. All quality control tests conducted by the manufacturer for each production run of pipe shall be submitted to ENGINEER on a weekly basis.

2. Welding Reports for each field welded joint shall be submitted to ENGINEER on a daily basis. The Welding Report shall include: weld joint station number based on the record drawings; date of weld; welder's name and signature; and actual weld size at four quadrants of pipe and total number of weld passes.

3. When a section of pipe and appurtenances has been completed and bedding materials is in place, provide the appliances, facilities, and water required for performing the specified pressure and leakage tests, as well as deflection testing.

4. After testing is complete drain the pipeline without injury to the work or surrounding area.

5. CONTRACTOR will be required to fully uncover a total of ten (10) joints, selected at random by ENGINEER, so that ENGINEER can visually inspect joints after welding from the pipe interior to verify integrity of welding and joint coating. Additional joints may be required to be uncovered, without limit, if problems are observed at the uncovered joints.

6. In addition to a visual inspection test (VT), all fillet welds for lap joints must be tested using magnetic particle testing (MT) equipment in accordance with acceptance criteria stated in AWS D1.1.

B. Pressure Test:

1. Subject all newly laid pipe or any valved sections of it to a hydrostatic pressure equal to the pipe pressure as indicated on the Contract Drawings.

a. Test Duration: 2 hours minimum, 6 hours maximum.

b. Slowly fill each section with potable water.

c. Expel all air from the pipe by means of taps at the highest elevations.

d. Plug the taps.

e. Remove and replace any cracked or defective pipe discovered during test.

f. The test pressure must hold for the duration of the test.

g. Repeat the pressure test until satisfactory.

h. Provide pipe manufacturer's test plugs or proper size and number, of adequate thickness with proper ribbing and stiffening for test pressures specified.

i. Pressure testing may be done in conjunction with the leakage testing.

C. Leakage Test:

1. After completion of the pressure test, conduct a leakage test to determine the quantity of water lost under the specified leakage test pressure.

a. Leakage test pressure is the maximum operating pressure of the section under test and is based on the elevation of the test gauge.

b. Duration of each leakage test: Minimum of 2 hours in addition to the pressure test period.

2. Allowable leakage in gal/hr for pipelines: Not greater than that determined as follows:

Allowable Leakage (Gal/Hr) = (J X D X Sqrt (P)) / 7400

Where:

J is the total Number of flanged, gasket, or push-on joints in tested length (excluding welded joints).

D is the Pipe diameter in inches.

P is the Average test pressure in psig.

Sqrt is the Square root operator.

3. Leakage is defined as the quantity of water supplied in the newly laid pipe or any valved section under test that is necessary to maintain the specified leakage test pressure after the pipe has been filled with potable or raw water and the air expelled.

4. All visible leaks are to be repaired regardless of the amount of leakage.

5. When leakage testing is performed against closed sectioning valves, the test shall be performed on each side of the valves independently.

6. Leakage testing may be done concurrently with the pressure testing.

D. Deflection Testing and Report:

1. After completion of construction and backfilling, prior to pressure and leakage testing, deflection testing is required for each pipe segment.

a. Maximum allowable internal deflection is 3 percent (pipe out of round).

b. A deflection testing report is required for each pipe section identified by the corresponding pipe section listed in the approved lay schedule or according to the record drawings.

c. Failure to pass the deflection testing will require reworking of the pipe bedding, backfill and compaction at no cost to OWNER. Severe violations, as determined solely by ENGINEER/OWNER shall require removal and replacement of the unsatisfactory piping at no cost to OWNER.

E. Weld Testing Report:

1. After completion of welding, prior to pressure and leakage testing, an inspection report of each field weld, for both the inside and the outside of the pipe at the weld, is required where any field welding has occurred (restrained joints, access manholes, etc.)

a. The location of the weld is to be indicated by the corresponding pipe section listed in the approved lay schedule and/or stationing according to the record drawings.

b. The report shall have the information for both the inside and the outside of each particular weld coordinated such that they both are located together in the report.

c. A photograph of each weld location is to be included in the report with the date, and location indicated by the corresponding pipe section listed in the approved lay schedule and/or stationing according to the record drawings.

F. Exterior Joint Protection or Pipe Repair Report:

1. After completion of shrink wrapping each welded joint or exterior pipe repair, prior to backfilling, an exterior inspection report of each joint protection and repair is required.

a. The location of the joint (or repair area) is to be indicated by the corresponding pipe section listed in the approved lay schedule and/or stationing according to the record drawings.

b. A photograph of each joint or repair location is to be included in the report with the date, and location indicated by the corresponding pipe section listed in the approved lay schedule and/or stationing according to the record drawings.

G. Grout Inspection Report:

1. After completion of construction, backfilling and welding, and the appropriate reports and test and prior to pressure and leakage testing, a report of the grout inspection is required for any field grouting that has been done and where any field welding has occurred (restrained joints, access manholes, etc.).

a. A grout inspection report is required for each location where grout was installed in the field. The location of the grout work is to be indicated by the corresponding pipe section listed in the approved lay schedule and/or stationing according to the record drawings.

b. A photograph of each grout repair is to be included in the report with the date, and location indicated by the corresponding pipe section listed in the approved lay schedule and/or stationing according to the record drawings

3.9 FLUSHING

A. Prior to flushing, all lines shall be broom swept to remove welding slag, construction dirt and debris.

B. Flush all lines to remove any debris or sediment. Flushing of each construction contract can be coordinated with all of the other construction contracts to better utilize water from Lake Huron, however, the timing and coordination of this activity is the responsibility of CONTRACTOR. OWNER and/or authorized representatives will be available to assist with this coordination as appropriate. Note that this flushing activity may delay final completion. Appropriate discharge permits shall be obtained to dispose of the water used during flushing.

END OF SECTION

From: Winegard, Mike <Mike.Winegard@aecom.com>
Sent: Tuesday, December 09, 2014 5:13 PM
To: Prysby, Mike (DEQ)
Cc: John O'Brien;djansen@gcdcwws.com;Matt Raysin;Kevin VanSickle (kvansickle@gcdcwws.com);Tharp, Ed;Laucamp, Chad
Subject: FW: Genesee County WTP: Responses to MDEQ Comments
Attachments: Responses to MDEQ Nov 2014 Comments.doc; Raw Water Storage Reservoir_092314.pdf; System Curves_Flint Raw Water_9-24-2014.pdf; GCRW Pump System Curves_11-11-14.pdf; CT Calcs Memo 103014.pdf

Mike,
The response to the MDEQ comments is attached. Please let us know if you have any questions.
Thanks,
Mike

AECOM has sent you 2 files using AECOM's File Transfer System.

These files will be available for download until 12/16/2014

File	Description	Size
CenTROL Brochure.pdf		1,298KB
Hydroburst System Slides (6) Slides.potx		1,188KB

Download all files (.zip)

If you are having trouble accessing the links in this email, you can view this message as a web page by copying the following link and pasting it into your browser:

https://sendfiles.aecom.com/message.aspx?msgId=937a87b6-61c3-4d3d-9e4e-46064901167b&u=chad.laucamp%40aecom.com

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GCDC WTP
Project Design Report
MDEQ Comments
11/24/2014

1. The WTP will be designed as two 15-MGD treatment trains. Are the unit processes inter-connected between each treatment train? Also, additional supply can be provided from storage for a limited timeframe. Please quantify "limited timeframe". Overview – Page 1
   Yes the two-15 mgd treatment trains will be interconnected at the following locations: 1) upstream of the rapid mix tanks; 2) upstream of the filters; and 3) upstream of the finished water reservoir. During average day flow conditions, an additional 5 days of an average day of water supply can be provided by utilizing existing storage within the GCDC distribution system.

2. The discussion in Sec. 2.1- Page 2 (Raw Water Storage Sizing Factors) should be simplified following our most recent discussion.
   The section on raw water sizing factors has been modified and is attached as a memorandum entitled Raw Water Reservoir Storage Reservoir – GCDC-WWS Water Treatment Plant, dated September 23, 2014.

3. GCDC should plan for an additional 125 MGAL of raw water storage for Phase 2 Storage (2025-2045). Also, 125 MGAL of additional storage (Proposed Phase 2 Storage) is discussed in the updated Raw Water Reservoir Storage report dated October 20, 2014.
   Following the recent purchase of properties adjacent to the WTP site, GCDC now has space to construct an additional 125 MG raw water impoundment south of the proposed 125 MG raw water impoundment in the future.

4. Sec 3.1 Part 1 mentions that space will be provided in the raw water pump room for two VFDs for two of the four GCDC WTP low lift pumps. Are two VFDs going to be provided at this time or is the space provision for future VFDs?
   Two VFD's will be initially be provided for each set of pumps, and while no additional VFD are anticipated in the future, there is available space to accommodate two future VFD's.

5. The hydraulic capacity of both GCDC pumps and all four of Flint's pumps in operation (Sec 3.1 Page 4) will not equate to the sum of the individual pump capacities. What is the maximum raw water pumping capacity (GCDC WTP and supply to Flint) based upon the individual pump curves and discharge piping.
   We realize that the capacity per pump drops off due to increasing frictional losses as more than one pump operate in parallel. System curves have been developed that take account of the static head conditions for the pumps,

friction loss in the piping, and minor losses associated with valves and fittings. The preliminary system curves are attached for the GCDC pumps and Flint pumps. The rated capacity for the pumps is determined based on system head at the maximum design flow rates, and based on three pumps operating in parallel for the maximum flow condition. The design maximum pumping capacity is 45-MGD for the GCDC raw water pumps, and 18-MGD for the Flint raw water pumps.

6. Is there a drop-dead date for Lapeer to commit to KWA? Will the low-lift station be constructed with the capability to add pumps for Lapeer at a future date? Sec. 3.1 (3) Page 4
   A drop-dead date has come and passed for Lapeer to join KWA. However, the pump room will be constructed with the capability to potentially add pumps for Lapeer at a future date.

7. We are assuming that access for cleaning the passive intake screens will be provided, please confirm. Will a spare Y w. screen be provided for redundancy? Sec. 3.2 Page 5
   The screens are fully submerged cylindrical screens, so there is no access to the screens. Cleaning of the screens will be accomplished using a Hydroburst™ compressed air system of the type provided by Johnson Screen. A PowerPoint file providing some informational slides on the compressed air cleaning system is attached. Access to a screen is not required for cleaning, as compressed air piping extended to each screen conveys the air burst used for cleaning. There are no plans to provide a spare Y w. screen for redundancy. The impoundment has a bypass around it in case it has to be taken out of service.

8. What reservoir condition(s) provide the design capacity (65 MGD) for each 60-inch intake screen? Can this capacity be provided at the impoundment's lowest operating level? Also, will the design capacity meet the service area's future needs 66 MGD (GCDC - 45mgd, Flint - 18mgd, Lapeer - 3 mgd)?
   The proposed facilities are being designed based on the water level in the reservoir ranging between Elev. +827.0 and +837.0 under normal operating conditions, and as low as Elev.+810.0 under abnormal low water level conditions. The top of screen elevation will be Elev.+805.0. The screens require a water depth of 5-ft above and 5-ft below the horizontal centerline of the screen for full capacity operation. The design length of the screens will be increased slightly to provide a capacity of 66 MGD. It should be noted that KWA is only contracted for 60 MGD, but assuming an additional 10% for treatment loss, the total is 66 MGD.

9. The suction header has been increased to 66-inches in diameter. What is the sustained capacity of the suction header? What is the maximum anticipated entrance velocity into the intake pipe? Sec. 3.3 Page 5
   The sustained capacity of the 66" suction header is dependent on the head and flow capacity of the raw water pumps in relation to the frictional losses

associated with flow through the header, and on static head conditions for the system. The capacity of the header is also dependent on the net positive suction head (NPSH) requirements of the pumps in relation to the available NPSH. As stated in response to question #5, the rated capacities for the GCDC and Flint raw water pumps is determined based on calculations of static head and friction head loss in the piping system. The NPSH requirements of the pumps are being evaluated and the pumps will be adequately submerged in the pump cans to satisfy the required NPSH in the proposed pumping station design configuration. The velocity of flow in the 66" header will be about 4.3 fps at 66-MGD, which is within design guidelines. The intake screens are located at the entrance to the 66" intake pipe, and the screens are sized for 0.5 fps maximum slot velocity.

10. Why are single-stage mixed-flow pumps being selected for low-lift as opposed to turbine pumps? Is adequate net positive suction head available to utilize this type of pump? Sec. 3.3 Page 6
Because the operating head is too low for turbine pumps. Pumps are being selected that are capable of operating under the available NPSH conditions. The NPSH requirements for the mixed flow pumps under consideration are not substantially different as compared to vertical turbine pumps for the Flint raw water supply.

11. Gate style valves on the pump suction and discharge headers (low-lift) may be better suited for VFD controls. We also recommend a combination of hydraulically actuated cone valves and motor actuated check valves to provide additional operational redundancy in the event of a widespread power outage or a loss of pressure that would prevent proper operation of these valves. Sec. 3.4 Page 6
We do not understand why gate valves would be better suited for pump operation when using VFD controls on the pumps. If MDEQ prefers that gate valves be used for isolation valves at the pumps rather than butterfly valves, then we will incorporate gate valves into design of the proposed pump station. We do not support use of both hydraulically actuated cone valves and motor actuated check valves on pump discharge lines. This level of redundancy is unnecessary and would needlessly add to the construction cost of the facility. Our current design intent is to provide a multi-function pump check valve and motorized throttling valve in the raw water pump discharge lines. We are switching from the Checktronic valve by GA Industries to the Type GBZ valve by Adams. The check valve does not rely on electrical power to close, so therefore a redundant cone valve is unnecessary.

12. Surge control valves for each pump are discussed on Page 6; however, Figure 8 shows one surge control valve on the low-service discharge header to Flint. Please clarify. Also, the surge control valve on the Flint discharge header needs to be downstream of all four pumps. Is surge protection being provided for the discharge header to Lapeer?
Two types of valves will be used, surge relief valves and surge control valves. The valve described in MDEQ's comment as a surge control valve on the low-

service discharge header to Flint is actually a surge relief valve. It functions to relieve the build-up of high surge pressure in the discharge header to the low pressure suction header. This surge relief valve was shown only on the piping system for the Flint pumps because this system was initially thought to operate at the highest pressure and the system has a very long transmission main. These conditions would make the Flint pumping system more susceptible to hydraulic surges than the Genesee County raw water pumping system, where operating head is low and the length of the piping system is only a fraction as long as the Flint system. The combination valve mentioned on page 6 of the PDR performs a surge control function by slowly opening on pump start-up and slowly closing when a stop command is given for pump operation. The slow action minimizes (controls) the occurrence of surge pressure. The Type GBZ Adams valve also provides surge control by using an oil filled hydraulic cylinder and piston to cushion valve closure. Surge control valves (Type GBZ by Adams or Checktronic by GA Industries) will be used for all pumps in the station. The pump station layout allows for the installation of surge relief valves on the future Lapeer raw water pumps if it is determined in the future to be necessary.

13. Can the VFDs be used interchangeably within each set of low lift pumps? Sec. 3.6 Page 7

No, each set of four low lift pumps will have two dedicated VFD's. Due to the cost of a Kirk Key system, they will not be able to be used on each of the four pumps.

14. The chemical feed and storage rooms and pump rooms will share the same superstructure. The DEQ recommends that the gas chlorination feed and storage be housed in a separate building. Sec. 10 – Page 18; however, states that the chlorine feed and storage area will be housed in a separate building from the WTP. Please clarify. Sec. 4 – Page 7

The gas chlorination feed and storage rooms will be housed in a separate building, as shown on the preliminary site plan.

15. Does the proposed enclosure of the filter and pre-treatment area provide better temp/humidity control for other areas of the WTP as opposed to standard block or concrete construction? Page 8

Yes, the use of glass storefront walls separates the water treatment areas from the other areas of the facility. The glass storefront helps so that GCDC will only be heating the galleries and not losing the heat to the cold water in the basins. Also, the storefront allows the operator to see all of the clarifiers and filters, not just partially through viewing windows. The controls will be located outside the glass storefront areas to protect them from excess humidity.

16. The facilities WTP operators, described on Page 9, (lunch room and accessories) should be sized to allow for several days of continuous occupancy (during potential emergency conditions).
Agreed, this will be considered during final design.

17. Will temperature/humidity control be provided in the storage room(s) to protect as-built and operating records? Will humidity control be provided in the filter pipe gallery?
Yes, temperature and humidity control will be provided in the storage rooms. There is no filter pipe gallery with the central column type filters. The piping in the dry well section of the filters will be within the treatment area and thus will not be able to be subject to the temperature and humidity control. Any exposed piping in the remainder of the facility will be insulated for temperature and humidity protection.

18. Two raw water transmission mains from the raw water pumps to the head of the WTP are recommended.
We will take this recommendation under advisement during final design.

19. Given that 8 filters are provided, the 4-filter rule applies as stated in R 325.11006 (c); thus, the statement that total filter capacity will be less when filters are off-line for backwashing is incorrect. Sec. 8 – Page 12.
We acknowledge that since a total of 8 filters are being provided that the total filter capacity will not need to be reduced to account for backwashing under the "4-filter rule." The text in the PDR will be revised accordingly.

20. Loading rates in excess of 3.0 gpm/sqft may be approved after successful completion of an approved pilot test or full-scale piloting while the WTP is in operation. Page 12
Acknowledged. The text in the PDR will be revised accordingly.

21. The filter-influent piping is sized at 60-inches to account for future considerations (re-rating filters to 5 gpm/sqft). Will the velocity at lower flows (<10 mgd) cause problems with potential settling in the pipes? Page 11
The filter influent piping has been changed and is now four-42-inch diameter pipes, one for each of the clarifiers. At a flow rate of 7.5 mgd through each of the filter influent pipes (filter loading rate of 3 gpm/sf), the resultant velocity is approximately 1.2 fps. At a flow rate of 12.5 mgd through each of the filter influent pipes (filter loading rate of 5 gpm/sf), the resultant velocity is approximately 2.0 fps. These velocities are less than or equal to the recommended maximum velocity of filtered water of 2 fps, and expected to be high enough to avoid potential settling in the pipes.

22. The central column design must not establish a cross connection between filters in service and any that are down for maintenance or that are being backwashed. Pages 12 and 13
There is no cross-connection potential for these types of filters since there is always positive pressure from the in-service filters. We have enclosed additional information on these types of filters for your reference.

23. The filter underdrain system will incorporate air-scour as part of backwashing. Can the air compressor (sized at 4,500 cfm) accommodate more than one backwash simultaneously? Page 13
The filter system design is based on only one filter being able to be backwashed at any given time; therefore, the air compressor will accommodate backwash of only one filter. Backwash operations will be initiated by plant operators, and the filter cells will be interlocked to allow only one cell to be backwashed at a time.

24. Water supply to meet filter backwash needs: How will flow from the remaining in-service filters within the set be controlled? Can adequate pressure be provided for an effective backwash? Can flow from in-service filters outside the set be utilized for backwash – Example….backwash Filter No. 1 from Filters 5 thru 8? Page 13
The backwash rate from the remaining in-service filters will be controlled by the elevation of the outlet weirs relative to the wash-trough lip. If adequate backwash flow cannot be achieved, a supplemental backwash line will be provided that will be supplied from the high service discharge pipe header. There will be a dividing wall in the wet well with a sluice gate that is normally open so that backwash water can be utilized from the effluent from the other 7 filters under normal operating conditions.

25. Will the main filter effluent consist of a single combined filter effluent (CFE) or a multiple CFE? Page 14
The filter wet well will have a dividing wall with a sluice gate that is normally open, but can be closed to isolate either treatment train. The effluent channel will be continuous with combined filter effluent.

26. The preliminary design basis is established with the assumption that the Lake Huron source water will remain classified as Bin 1. Bin classification monitoring will be needed at the raw water reservoir. Configuration of the WTP and reservoir should be based on the water quality from the reservoir. Page 14
Acknowledged. The text in the PDR will be revised to mention that additional monitoring will be required at the raw water impoundment to maintain a Bin 1 Classification. If the water quality in the raw water impoundment is temporarily diminished, the plant will have the ability to bypass the impoundment and deliver raw water directly from the upstream KWA pump station.

27. We are assuming the potassium permanganate dosage of 1.0ppm (125 lbs/day of dry chem) is based on 15 MGD flow rate. Is the dry chem. 100% available KMNO4? How will the chemical be diluted for the feed system for dosage determination? Sec. 9.1 – Page 15

Yes, the potassium permanganate dosage is based on a 15 mgd flow rate. The dry chemical is available at a 97 percent concentration. The chemical will be diluted using process water and a volumetric feeder.

28. How long will one batch (PAC), based on slurry tank size, last? Page 15-16

Based upon preliminary calculations utilizing a hopper size of 5 cubic feet, at a plant flow rate of 15 mgd, each batch of PAC would last approximately 4.4 hours. The PAC feed system will not utilize a slurry tank.

29. The corrosion inhibitor dosage rate of 5ppm that equates to 83.5 lbs/mgal is not correct. The correct dosage at 5 ppm is 41.7 lbs/mgal. Based on the size of the GCDC's service area, optimal corrosion control will need to be established. Change with the Lead & Copper program requirements and demonstration of optimal corrosion control will be discussed further. Sec. 9.5 – Page 16.

At this point, the preliminary design calculations are conservative and are based on the maximum feed rates. During final design, we will review the calculations and downsize the chemical storage tanks, as appropriate. GCDC aspires to provide optimum corrosion control within the distribution system in accordance with the Lead and Copper Program requirements.

30. Is it more cost-effective for pH control by lime feed verses reduced coagulant efficiency without pH control? Page 17

GCDC intends to utilize coagulant to achieve optimal floc formation. The lime feed will be utilized on an as needed basis for pH control.

31. Jar test results must be completed and included in the basis of design for chemical feed (prior to the Act 399 permit). Sizing of storage for the various treatment chemicals (coagulant) at average day – max. month will be the design standard and determined by jar testing. Will the future treatment plant capacity (45 MGD) require a second storage tank or will the proposed storage tanks be sized to accommodate plant expansion? Will sufficient space be provided for additional bulk storage tanks? Page 17

GCDC acknowledges that jar tests will need to performed to determine optimal chemical feed rates. Based on engineering judgment, we believe the dosage rates assumed in the PDR are conservative and actual dosage rates will likely be less. In addition, chemical storage facilities have either been oversized to account for future storage needs, or additional space is available for future chemical storage.

32. Separate areas should be provided for the fluoride feed equipment and the chemical storage. Also, the assumed fluoride dosage (0.7 ppm) should be adjusted to account for the naturally occurring fluoride in the source water. Page 18
The fluoride storage and feed equipment is located within a dedicated room, separate from the other chemicals. Based on available water quality data, the concentration of naturally occurring fluoride is approximately 0.13 ppm. Therefore, a dosage at the plant of 0.57 ppm would result in 0.7 ppm of fluoride at the point of injection.

33. As we discussed in our previous meetings, the WTP (initially classified as a DF WTP) will not be re-classified as a conventional WTP. Acceptable full-scale piloting results could allow the WTP to be eligible for a higher treatment plant flow rating, while maintaining a DF designation. Sec. 11 – Page 19.
Acknowledged.

34. Two treated water clearwells (1.3 Mgal each) are proposed which will provide a total treated storage volume of 2.6 MGAL and provides an additional 1.0 log removal for Giardia as required for Direct Filtration. The hydraulic gradeline in Figure 4; however, shows working volume of the clearwells (difference between the HWL and LWL) of only 0.86 MGAL. Adequate CT must be achieved in the clearwells for 1.0 Log removal based on the low level conditions.
Based on the 10/30/14 memorandum that was discussed at our previous meeting (copy enclosed), both warm and cold operating conditions were evaluated for CT requirements and the worst case yielded an operating range in the reservoir of 15 feet down to approximately 10.5 feet water depth. The hydraulic grade line profile will be revised accordingly.

35. The finished water storage reservoir capacity of 2.6 MGAL limits the maximum rated capacity to 19 MGD based on the direct filtration designation to achieve 1.0 Log removal for giardia (assume 1.0 ppm CL2 under the worst case condition). A finished water reservoir sized at 4.0 MGAL will increase the WTP's rated capacity to 30 MGD yet maintain 1.0 Log removal for giardia under the worst case condition. Also, at 45 MGD, how much additional storage will be needed? Will a third tank be required? Sizing of the finished water reservoir is important and the WTP should be constructed either to allow for easy increase in finished water storage capacity or else provide sufficient finished water storage capacity initially. Pages 19-20
Based on the 10/30/14 memorandum, the finished water reservoir design was based on conservative assumptions made during preliminary engineering and an initial assumption that the plant would receive a 2.5-log

credit for removal of Giardia by conventional treatment. However, MDEQ recently indicated that the plant would instead be classified as direct filtration and only be granted a 2.0-log credit, which requires an additional 0.5 log-removal of Giardia. The results detailed in the memorandum indicate that upon taking a practical approach to calculating CT log-credits and utilizing the filters for additional CT time, corresponding reservoir volumes offset the additional log-removal requirements. The worst case condition indicates a reservoir capacity of 1.81 MG at a plant capacity of 30 mgd.

If the plant is ever expanded to 45 mgd, all conditions would need to be re-evaluated. For planning purposed, it is assumed that one additional cell would be added for a total reservoir capacity of approximately 3.9 MG. There will be provisions in place (e.g. blind flanges on piping) to accommodate this expansion.

36. A by-pass around the finished water storage reservoir will not be allowed if the reservoir is required to maintain minimum CT. Sec. 11 – Page 21
No bypass around the finished water reservoir will be provided. The text in the PDR will be revised accordingly.

37. How far east of Baxter & Potter is the existing 72-inch transmission main owned by Genesee County? Sec. 12 – Page 21
The tie-in point for the finished water transmission main will be on the existing 72-inch diameter transmission main owned by GCDC, on the west side of the Henderson Road and Potter Road intersection.

38. 48 hour filter run times are short. Sec. 13 – Page 21
Agreed. This is a conservative approach and we acknowledge the run times will like be considerably longer.

39. Are there provisions to de-water treatment plant residuals? How much time will be needed to dry out accumulated sludge and to clean out a pond? Also, two ponds will be provided, each to hold one-year volume of sludge. Does the volume, estimated at 205,000 cuft., take into account minimum usable depth (accumulated sludge plus in-coming sludge) and minimum required freeboard Sec. 13 – Page 21:
There are no provisions in place for dewatering the plant residuals. The backwash ponds will accumulate solids, be allowed to dry and then be dredged out. At this time it is unclear how long it will take to dry out the accumulated sludge. However based on knowledge of similar plant operations, it will likely take significantly longer than one year to fill one pond. The depth of the ponds include a freeboard of 3-feet. Also, there will be provisions for a future pond to be added if required.

40. If the supernatant is to be decanted to the local receiving stream as the preferred method of disposal, an NPDES discharge permit will need to be obtained prior to our Act 399 permit. Also, will there be any discharge from the lagoons to the groundwater? Part 2210 of the Groundwater Rules allows construction of the sludge lagoons as part of our Act 399 permit; however, details pertaining any intended groundwater discharge, installation of liner to inhibit infiltration, and the design parameters listed in Item #38 needs to be provided as part of our review and permit issuance.
We acknowledge that the a NPDES permit would need to be obtained if supernatant is decanted to a local receiving stream. However, the proposed operation is for the decanted water to be pumped to the raw water impoundment. Both the backwash ponds and raw water impoundment will be lined so discharge to groundwater is not anticipated. All applicable design parameters and details will be provided as part of our Act 399 Permit application.

41. If the supernatant is pumped back to the head of the WTP, the recycle flow rate 1200 gpm (1.7 MGD rate) must be less than 10% of the combined incoming raw water flow. How will the recycle flow be controlled at treatment rates less than 17.0 MGD? Page 22
The decant pumping will not be continuous; it will be a batch operation. The decant pump discharge will be metered in order to confirm that less than 10% of the combined incoming raw water flow is recycled. To confirm, the decant water will be discharged directly into the raw water impoundment.

42. Wireless Laptops/tablets w. protective cases should be provided to allow oversight of plant operations at all locations in the WTP. Page 22
Acknowledged. It is anticipated that laptops will be utilized for this function.

43. Process monitoring from the raw water pump station includes turbidity, pH, temp, etc….will redundant storage of this information be provided? Sec. 14 – Page 23
Electronic data logs will be utilized and saved onto servers that will be backed-up.

44. While dual electrical feeds meets the requirement for a redundant source of power, permanent stand-by power generation at the WTP is recommended in the event of a widespread/regional loss of electrical power. Page 23-24
Noted. A small generator will be provided for critical systems. In addition, GCDC maintains a fleet of portable generators, and provisions for

connections will be incorporated into the design.

45. Carrier water used for chemical feed application points prior to the finished water reservoir must have adequate cross connection protection. Page 25
Agreed. Anti-siphon and check valves will be utilized. All plumbing will meet code requirements.

46. An on-site holding tank may be used for commercial/industrial waste; however, the septic tank/field can only be used for domestic wastewater. Page 25
Commercial/industrial wastes will not be discharged to the septic field, and no holding tanks for commercial/industrial waste is anticipated at the plant site. However, adequately sized containment areas for the chemical rooms will be provided along with sprinkler systems where required to meet building code requirements. Dry sumps will be provided within each containment area to accommodate removal of chemical spills.

47. Page 26, Section 17 – Security; Second Paragraph, third sentence….. "Signals being transmitted to security system workstations at the central……facilities". Does "signals" mean…the actual video, alarm, etc.? Please clarify
Signals will include security alarm points and video feeds to the control room at the plant.

48. Page 28, Section 19 – 3rd bullet - Frost depth – minimum 3'-6" below finished grade. Should the minimum depth be 5' below finished grade?
The geotechnical report recommendation is to embed foundations a minimum of 42" below finished grade to protect from frost heave. This can be found on Page 28 of Somat's most current report dated May 7, 2014.

49. The April 2014 PDR includes a section for ventilation (Sec. 16.2) and mentions ventilation for the chemical feed and storage rooms. The ventilation section is not included in the October 2014 PDR. Sec. 16 – Mechanical Facilities
The mechanical facilities section of the PDR was rewritten and the ventilation subsection was combined with the heating and air conditioning subsection.

50. Figure 3 – The ability for the GCDC WTP to directly by-pass the low service pump station is not provided. This provision appears to be provided for the Flint WTP.
This figure will be revised. As planned, there will be a bypass around the impoundment and most flows will be able to be pumped directly from the

KWA Intermediate Pump Station around the impoundment and directly to Flint or to the raw water pumps in the water treatment plant.

Raw Water Reservoir Storage – GCDC-WWS Water Treatment Plant

September 23, 2014

Genesee County Water Treatment Plant – Raw Water Reservoir

The conceptual design for the Genesee County Water Treatment Plant is 30 MGD with two treatment trains of 15 MGD each, with future expansion to 45 MGD. (AECOM/Wade Trim April 2014 Preliminary Design Report) The preliminary estimate for the raw water receiving reservoir was 150 MG. There were discussions with MDEQ, staff and consultants regarding the origin of the 150 MG and it is unclear how the preliminary number of 150MG was arrived at. There were also discussions with staff, MDEQ and consultants regarding the number of days of storage that were required for the facility, the two primary numbers under discussion were 10 days and 14 days.

In a meeting with MDEQ on September 5, 2014 the Commissioner requested that the MDEQ review this issue and provide some guidance for the design of the raw water receiving reservoir. This meeting also included discussions regarding existing contracts for back-up supply and the weight that existing finished water storage should be given in determining the volume of raw water storage. On September 10, 2014 the MDEQ (Mike Prysby) indicated that 10 days of storage would be satisfactory, however they would like to see demand projections for the next 20 years to ensure that the raw water receiving reservoir was adequate for future demands.

Genesee County Water System Demands

The five year average of GCDC-WWS AAD is 12.57 MGD, however the 2013 AAD was 10.937. The peak monthly average in the last 5 years is 22.7 MGD and occurred in August 2012. The 2014 DWRF Project Plan includes demand information and projections from 2000 through 2030. The 2025 AAD is projected to be 12.49 MGD. (DWRF Table 1-3 attached). The 20 year water demands should be analyzed in 2015.

Projected GCDC 2015 to 2025 AAD raw water demand for Phase 1 reservoir sizing – 12.5 MGD

Raw Water Storage Sizing Factors

The following factors have been identified by staff, consultants, and MDEQ regarding the sizing of the raw water receiving reservoir.

- MDEQ - 10 days of storage at 12.5 MGD, the 2025 AAD. (125 MG)
- There are existing contracts for emergency water supply that equal approximately 6.0 MGD. These contracts should be reconfirmed and used for extended emergency back-up
- There is 43.5 MG of finished water storage in the existing system, plus 3.5 MG in the Grand Blanc pressure districts. Assuming ½ of this storage is available for emergency use this will provide additional extended emergency back-up.
- Operational requirements to handle diurnal fluctuation were estimated at 70 MGD and are included in the 125 MG, this will be reevaluated when the plant is in operation.
- Spare parts, pipe, and fittings should be in stock for the repair of any size pipe on supply line or any critical element at the pumping facilities in order to minimize downtime during a failure on the supply line or at the pumping facilities
- City of Flint – 18 MGD of water from reservoir but no emergency storage. In the event of an emergency the City will use its Flint River source.
- City of Lapeer Raw Water Storage – 4 MGD of water from the raw water reservoir but no emergency storage in raw water storage reservoir. City of Lapeer must develop its own raw water storage plan.
- Total AAD demand on the storage reservoir approximates: GCDC @ 12.5 MGD + City of Flint @ 18 MGD + City of Lapeer @ 1.5 MGD = 32 MGD
- Total Peak Day on storage reservoir based on historical demands for GCDC and contract limitations for City of Flint and City of Lapeer approximates: GCDC @ 23 MGD + City of Flint @ 18 MGD + City of Lapeer @ 4 MGD = 45 MGD

- Total Peak Day on storage reservoir based on plant max flow and contracts for City of Flint and City of Lapeer approximates: GCDC @ 30.0 MGD + Flint @ 18 MGD + Lapeer @ 4 MGD = 52 MGD

Genesee County Emergency Back-up Water Supply Contracts

- Genesee County currently has a contract with the City of Flint to provide 3.0 MGD of water in the event of an emergency. This contract should be confirmed with the City.
- Genesee County and Grand Blanc Township currently have an operating agreement that in the event of an emergency Grand Blanc will isolate from the GCDC-WWS system, turn on their back-up wells and provide water to the Grand Blanc Township, a portion of the City of Burton, and a portion of Mundy Township along Fenton Road. This demand is approximately 3.0 MGD. This agreement should be confirmed.

Genesee County Finished Water Storage

Genesee County has a number of ground storage and elevated storage tanks that provide fire protection, diurnal peaking, and peak day demand buffering. GCDC-WWS has existing storage of 43.5 MG with an additional 3.5 MG of storage in the Grand Blanc pressure district and an additional 500,000 gallons in the City of Burton. Table 1 below shows the characteristics of each tank. Assuming that one-half of the storage is available for emergency use, 21.75 MG would be available in the event of an emergency. Grand Blanc storage is not included as they would be isolated from the system in the event of an extended emergency.

Table 1

Facility	No. of Tks	GALS/Tk	Total Gallons	CF	Height	Diameter
Henderson Rd	2	10,000,000	20,000,000	1,336,898	39	208.97
Clio Rd	1	1,000,000	1,000,000	133,690	40	65.25
Beecher Rd	1	1,000,000	1,000,000	133,690	30	75.34
Houran Elev	1	2,000,000	2,000,000	267,380	40	92.28
Houran Ground	2	2,000,000	4,000,000	133,690	30	84.00
Noble Standpipe	1	4,000,000	4,000,000	534,759	165	64.25
Center North	1	5,000,000	5,000,000	668,449	40	145.90
Center South	1	6,200,000	6,000,000	828,877	34	176.23
ARTP	1	500,000	500,000	66,845	37.5	47.65
Saginaw *	1	500,000	500,000	66,845	37.5	47.65
Vassar *	1	1,000,000	1,000,000	133,690	17.3	99.22
Baldwin *	1	1,000,000	1,000,000	133,690	38	66.95
Holly Rd *	1	500,000	500,000	66,845	38	47.34
Embury *	1	500,000	500,000	66,845	24	59.57
Bristol Tower **	1	500,000	500,000	66,845	37.5	47.65
*Grand Blanc						
**Burton						
Totals			47,000,000	4,572,193		

Other Considerations

Impacts such as ice at the intake, contamination at the intakes, or freighter damage to one of the intakes are difficult to quantify. The proposed alternative and existing system options would provide almost 37 days of storage in the event of an extended emergency.

Emergency Storage Calculations – 2025 Demands

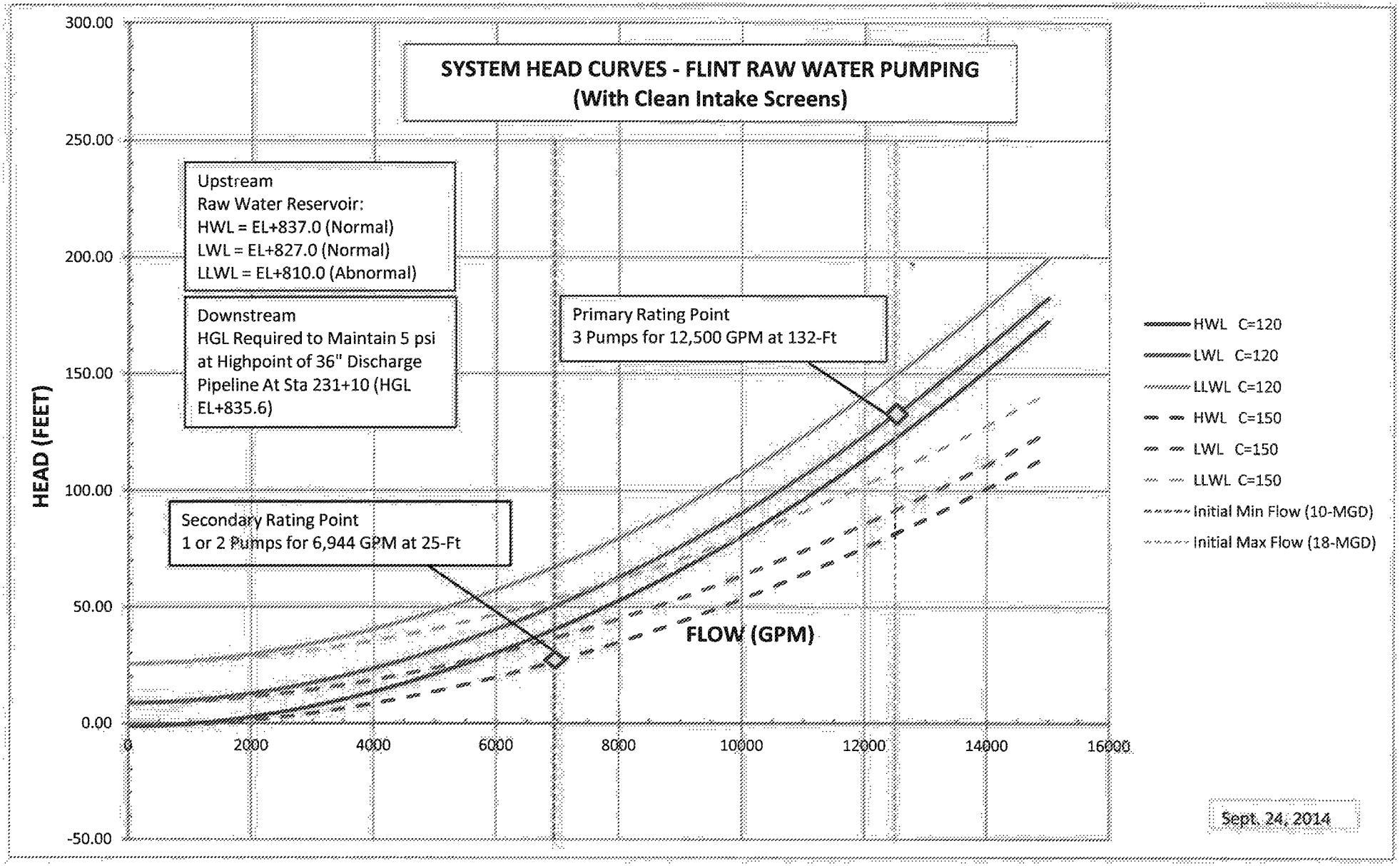
1. Emergency raw water storage with water restrictions in place: 80% of projected AAD of 12.5 MGD = 10.0 MGD (125MG / 10.0 MGD = 12.5 days)
2. Emergency system storage with water restrictions in place: 21.75 MG / 10.0 MGD = 2.2 Days
3. Emergency backup contracts with City of Flint and Grand Blanc in place (6 MGD), emergency AAD reduced to 4.0 MGD: (125 MG / 4.0 MGD = 31.25 Days)
4. Finished water storage credit per No. 3: (21.75 MG /4.0 MGD = 5.4 days)
5. Extended emergency provisions total 36.7 days

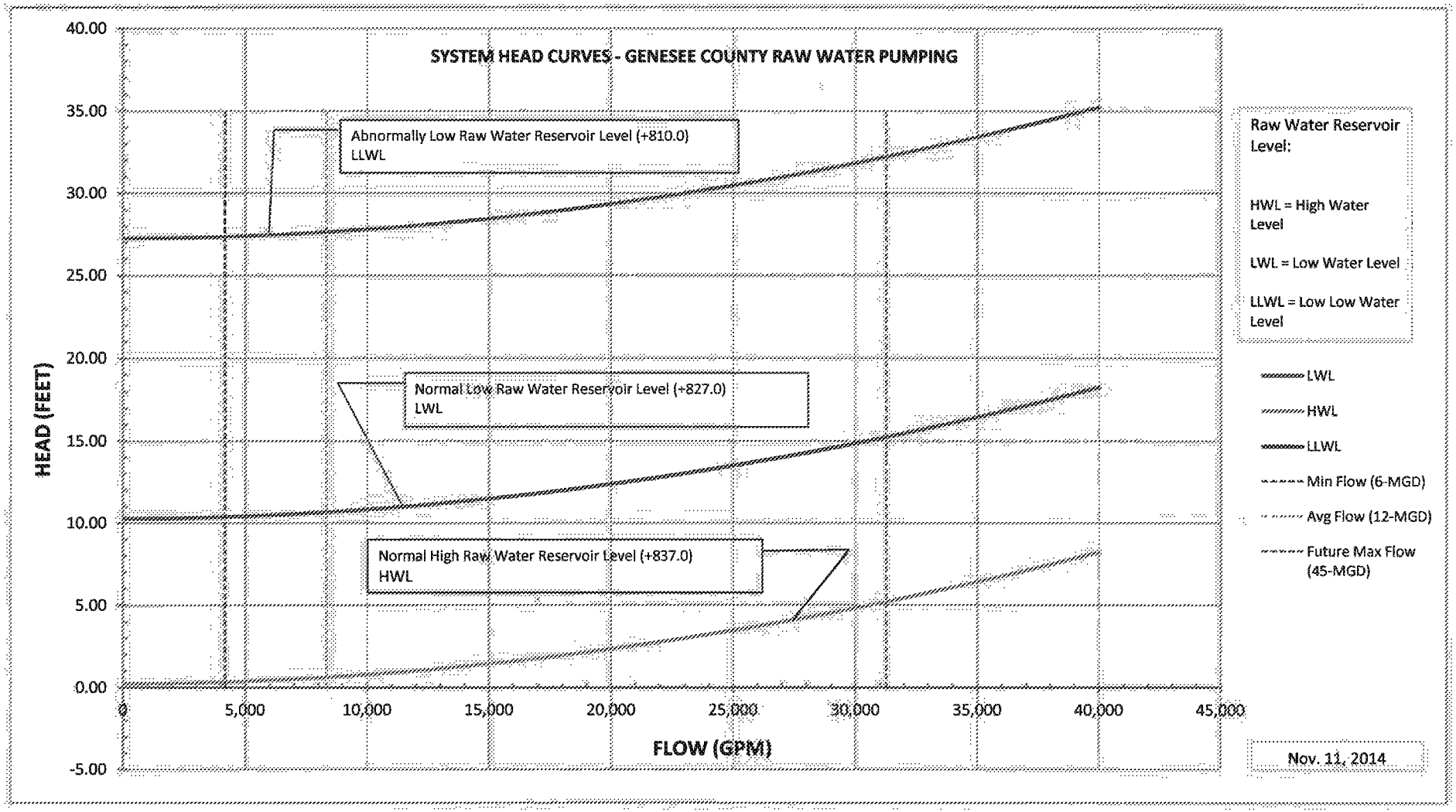
Proposed Phase 1 Storage 125 MG 2015 - 2025

- Provides a reasonable approach that exceeds operational minimum of 70 MG and meets the MDEQ suggested raw storage of 10 days.
- Provides operational storage to meet both AAD and Peak Day fluctuations.
- Provides 36.7 days of storage in the event of extended emergency conditions.

Proposed Phase 2 Storage X MG 2025 -2045

Long range water demands for the GCDC-WWS system should be evaluated in 2015 and Phase 2 storage will be evaluated after the plant has been up and running for 12 months.


SYSTEM HEAD CURVES - FLINT RAW WATER PUMPING
(With Clean Intake Screens)
Upstream
Raw Water Reservoir:
HWL = EL+837.0 (Normal)
LWL = EL+827.0 (Normal)
LLWL = EL+810.0 (Abnormal)
Downstream
HGL Required to Maintain 5 psi
at Highpoint of 36" Discharge
Pipeline At Sta 231+10 (HGL
EL+835.6)
Primary Rating Point
3 Pumps for 12,500 GPM at 132-Ft
Secondary Rating Point
1 or 2 Pumps for 6,944 GPM at 25-Ft
HEAD (FEET)
FLOW (GPM)
300.00
250.00
200.00
150.00
100.00
50.00
0.00
-50.00
0
2000
4000
6000
8000
10000
12000
14000
16000
HWL C=120
LWL C=120
LLWL C=120
HWL C=150
LWL C=150
LLWL C=150
Initial Min Flow (10-MGD)
Initial Max Flow (18-MGD)
Sept. 24, 2014


SYSTEM HEAD CURVES - GENESEE COUNTY RAW WATER PUMPING
HEAD (FEET)
FLOW (GPM)
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
-5.00
0
5,000
10,000
15,000
20,000
25,000
30,000
35,000
40,000
45,000
Abnormally Low Raw Water Reservoir Level (+810.0)
LLWL
Normal Low Raw Water Reservoir Level (+827.0)
LWL
Normal High Raw Water Reservoir Level (+837.0)
HWL
Raw Water Reservoir Level:
HWL = High Water Level
LWL = Low Water Level
LLWL = Low Low Water Level
LWL
HWL
LLWL
Min Flow (6-MGD)
Avg Flow (12-MGD)
Future Max Flow (45-MGD)
Nov. 11, 2014

AECOM
303 East Wacker Drive
Suite 1400
Chicago, IL 60601
www.aecom.com

312 373 7700 tel
312 373 6800 fax

Memorandum

To	Mike Winegard	Page	1
CC	Ed Tharp, Angel Gebeau		
Subject	Genesee County WTP CT Calculations for Filters and Finished Water Reservoir		
From	Chad Laucamp		
Date	October 30, 2014		

The following is a summary of CT Calculations (attached) that were recently completed for the Genesee County Water Treatment Plant filters and finished water reservoir. These calculations are based on the GCDC water treatment plant receiving a 2.0-log credit from MDEQ for a direct filtration type plant, and also based on the filters and finished water reservoir both having a baffle factor of 0.7. In addition, the required reservoir volume calculations are based on having two filter backwash volumes (0.41 MG) and a minimum required equalization volume (0.21 MG), in addition to the required CT volumes.

Scenario 1 (Conservative Approach)

Assumptions:

- Plant flow of 30 mgd
- 7 of 8 filters in service (1 filter offline)
- Water temperature 0.5 degrees C (33 degrees F)
- Water pH of 8.2
- Chlorine residual of 1.2 mg/L maintained in reservoir (minimum residual req'd in GCDC distribution system)

Table 1 summarizes the findings for Scenario 1, and indicates that if a chlorine residual of 0.5 mg/L is maintained in the filters and a chlorine residual of 1.2 mg/L is maintained in the reservoir, the required reservoir volume is 3.40 MG. If the chlorine residual in the filters is raised to 1.0 mg/L, the required reservoir volume is 3.21 MG.

Table 1
Scenario 1: Conservative Approach - CT Overview

Parameter Description	Chlorine Dosage at Filter Inlet	
	0.5 mg/L	1.0 mg/L
CT Value in Filters	7.85 mg/L-min	15.7 mg/L-min
Log Inactivation of Giardia in Filters	0.078-log	0.14-log
Required Giardia Log-Removal for Disinfection in Reservoir*	0.922-log	0.86-log
Required CT Volume	1.80 MG	1.68 MG
Minimum Reservoir Volume	3.40 MG	3.21 MG

*3.0-log required – 2.0-credit (direct filtration) – log inactivation in filters

Since chlorine is more effective as temperatures increase and plant flows are expected to significantly vary seasonally, the following more realistic operating conditions were evaluated.

Scenario 2 (Cold Operating Conditions)

Assumptions:

- Plant flow of 12 mgd
- 6 filters in service (2 filters on standby and rotated into service)
- Water temperature 0.5 degrees C (33 degrees F)
- Water pH of 8.2
- Two chlorine residual conditions were evaluated for comparison:
    - 1.0 mg/L maintained in reservoir (boosted to 1.2 mg/L at reservoir outlet to provide required residual for GCDC distribution system)
    - Chlorine residual of 1.2 mg/L maintained in reservoir (minimum residual req'd in GCDC distribution system)

Table 2 summarizes the findings for Scenario 2 – Cold Operating Conditions. The results indicate that if a chlorine residual of 0.5 mg/L is maintained in the filters, a reservoir volume of 1.81 MG is required for a chlorine residual in the reservoir of 1.0 mg/L, and a reservoir volume of 1.65 MG is required for a chlorine residual in the reservoir of 1.2 mg/L. If the chlorine residual in the filters is boosted to 1.0 mg/L, a reservoir volume of 1.62 MG is required for a chlorine residual in the reservoir of 1.0 mg/L, and a reservoir volume of 1.48 MG is required for a chlorine residual in the reservoir of 1.2 mg/L. These results indicate a significant decrease in required reservoir storage volume over Scenario 1, which is driven by reduced water demands expected during cold weather months.

Table 2
Scenario 2: Cold Operating Conditions - CT Overview

Parameter Description	Chlorine Dosage at Filter Inlet	
	0.5 mg/L	1.0 mg/L
CT Value in Filters	16.8 mg/L-min	33.6 mg/L-min
Log Inactivation of Giardia in Filters	0.17-log	0.31-log
Required Giardia Log-Removal for Disinfection in Reservoir*	0.83-log	0.69-log
1.0 mg/L chlorine residual in reservoir		
Required CT Volume	0.76 MG	0.63 MG
Minimum Reservoir Volume	1.81 MG	1.62 MG
1.2 mg/L chlorine residual in reservoir		
Required CT Volume	0.65 MG	0.54 MG
Minimum Reservoir Volume	1.65 MG	1.48 MG

*3.0-log required – 2.0-credit (direct filtration) – log inactivation in filters

Scenario 3 (Warm Operating Conditions)

Assumptions:

- Plant flow of 30 mgd
- 7 of 8 filters in service (1 filter offline)
- Water temperature 15 degrees C (59 degrees F)
- Water pH of 8.2
- Two chlorine residual conditions were evaluated for comparison:

- 1.0 mg/L maintained in reservoir (boosted to 1.2 mg/L at reservoir outlet to provide required residual for GCDC distribution system)
- Chlorine residual of 1.2 mg/L maintained in reservoir (minimum residual req'd in GCDC distribution system)

The following table summarizes the findings for Scenario 3 – Warm Operating Conditions. The results indicate that if a chlorine residual of 0.5 mg/L is maintained in the filters, a reservoir volume of 1.62 MG is required for a chlorine residual in the reservoir of 1.0 mg/L, and a reservoir volume of 1.50 MG is required for a chlorine residual in the reservoir of 1.2 mg/L. If the chlorine residual in the filters is boosted to 1.0 mg/L, a reservoir volume of 1.40 MG is required for a chlorine residual in the reservoir of 1.0 mg/L, and a reservoir volume of 1.30 MG is required for a chlorine residual in the reservoir of 1.2 mg/L. These results indicate a decrease in required reservoir storage volume, even when compared to Scenario 2, which is driven by chlorine being more effective as temperatures increase.

Table 3
Scenario 3: Warm Operating Conditions - CT Overview

Parameter Description	Chlorine Dosage at Filter Inlet	
	0.5 mg/L	1.0 mg/L
CT Value in Filters	7.85 mg/L-min	15.7 mg/L-min
Log Inactivation of Giardia in Filters	0.22-log	0.40-log
Required Giardia Log-Removal for Disinfection in Reservoir*	0.78-log	0.60-log
1.0 mg/L chlorine residual in reservoir		
Required CT Volume	0.63 MG	0.49 MG
Minimum Reservoir Volume	1.62 MG	1.40 MG
1.2 mg/L chlorine residual in reservoir		
Required CT Volume	0.55 MG	0.42 MG
Minimum Reservoir Volume	1.50 MG	1.30 MG

*3.0-log required – 2.0-credit (direct filtration) – log inactivation in filters

Summary

The current finished water reservoir design indicates a size of approximately 2.6 MG, which is based on conservative assumptions made during preliminary engineering and an initial assumption that the plant would receive a 2.5-log credit for removal of Giardia by conventional treatment. However, MDEQ has recently indicated that the plant would instead be classified as direct filtration and only be granted a 2.0-log credit, which requires an additional 0.5 log-removal of Giardia. While additional log-removal signifies the need for a larger sized reservoir, the results detailed in this memorandum indicate that taking a more practical, less conservative approach to calculating CT log-credits utilizing the filters for additional CT time, corresponding reservoir volumes offset the additional log-removal requirements. While the current 2.6 MG reservoir size is larger than what is required by the analysis in this memorandum, we recommend that no changes to the reservoir size be considered until MDEQ reviews and approves the assumptions and approach that are detailed within.

Furthermore, having some excess reservoir capacity does provide the plant some flexibility with regards to chlorine dosage points and concentrations, as well as provide additional equalization storage that allows the plant the flexibility of operating at a lower water level during extreme conditions. Based on a worst case reservoir capacity of 1.81 MG required in Scenario 2, the 2.60 MG

reservoir would have an operating range from the maximum water level of 15 feet down to approximately 10.5 feet water depth. If the reservoir is maintained full during a Scenario 2 cold operating condition, the plant could achieve a maximum capacity of 24.6 mgd due to the excess volume available for CT, which is approximately twice the capacity that is expected to be typical for cold operating conditions.

From: Benzie, Richard (DNRE)
Sent: Monday, August 01, 2011 4:18 PM
To: Skinker, Bethel (DEQ);Swenor, Scott (DEQ);Rice, Jim (DEQ);Pascoe, Doug (DEQ);Bolf, Michael (DEQ);Busch, Stephen (DEQ);Wozniak, Gary (DEQ);Chooi, Wood (DEQ);Lopez, Amber (DEQ);Islam, Abuzoha (DEQ);Huddas, Patricia (DEQ);Donaldson, Kristina (DEQ);Prysby, Mike (DEQ);London, Bob (DEQ);Ashford, Stephen (DEQ);Gotham, Daryl (DEQ);Brennan, Patrick (DEQ);Sandoval, C. Nazaret (DEQ)
Cc: Verona, Laura (DEQ);Bean, Lawrence (DEQ);Sellers, Fred (DEQ);Joseph, Mark (DEQ);Bloemker, Jon (DEQ);Lachance, Amy (DEQ)
Subject: Needs Survey Update

As of today, we have 21 of 63 surveys submitted to Cadmus which met the deadline to have 1/3 submitted by August 1st. These 21 surveys are in various stages of review. 5 have been uploaded, meaning they are ready for review and for any possible modifications if you disagree with Cadmus' determinations. It has been taking about a month from the time I submit them to Cadmus until the information has been uploaded, meaning the status of individual projects are available for your review. To access this information, log in to the website (www.dwneeds.com). Unless you changed it, your state email address should be your user ID and your password should be just your last name with the first letter capitalized. If you see a project that has not been accepted that you feel should be, call me to discuss before you spend a lot of time attempting to justify it. I may be able to assist or save you the effort.

Of the 42 remaining surveys, 7 have been reviewed by district staff and are awaiting my review prior to submitting them to Cadmus. They are **Lansing, Michigan American Waterworks Company, Mount Clemens, Northville Township, Plymouth Township, Riverview, and Waterford Township.** Some of these surveys have been discussed with district staff and are being further reviewed. I hope to have them all submitted to Cadmus by the end of the week unless I find significant problems.

Another 13 surveys have been submitted and distributed to district staff to verify projects, validate documentation, and supplement with additional projects for overlooked needs. These surveys are **Midland, Saginaw, Saginaw-Midland, YCUA, Monroe South County, Kalamazoo, Romulus, Macomb Township, St. Clair Shores, Algonac, Port Huron, South Haven, and Southeastern Oakland County Water Authority.**

If one of these is assigned to you and you don't have the questionnaire, please let me know ASAP.

6 more surveys are in my office waiting to be distributed to district staff. They are **St. Joseph, Mount Pleasant, Flint, Sterling Heights, Shelby Township and Woodhaven.** I plan to complete my initial review and distribute them to you by the end of this week as well, although it may be Friday before they get in the mail unless I decide not to review them first.

That leaves 16 surveys yet to be submitted by the system, not the least of which is **DETROIT**. Others include **Ann Arbor, Wyoming, Genesee County, East Lansing-Meridian, Warren, Dearborn, Flat Rock, Grosse Pointe Park, Marquette, Grand Ledge, Eaton Rapids, Williamston, Union Township, Brownstown Township, and Fort Gratiot Township.** I know many of you have been in contact with these systems and are continuing to pursue completed questionnaires. Please keep tabs on them and if necessary, consider scheduling a surveillance visit to collect the needs of these systems, preferably before September 30th, but no later than the month of October.

If any of this information sounds wrong to you, please contact me. As always, call if you have any questions or concerns.

Richard Benzie, P.E.
Community Drinking Water
Resource Management Division, DEQ
517-241-1245

From: Benzie, Richard (DEQ)
Sent: Friday, May 11, 2012 4:25 PM
To: Ashford, Stephen (DEQ);Bolf, Michael (DEQ);Busch, Stephen (DEQ);Chooi, Wood (DEQ);Donaldson, Kristina (DEQ);Gotham, Daryl (DEQ);Islam, Abuzoha (DEQ);London, Bob (DEQ);Lopez, Amber (DEQ);Pascoe, Doug (DEQ);Prysby, Mike (DEQ);Rice, Jim (DEQ);Skinker, Bethel (DEQ);Swenor, Scott (DEQ);Wozniak, Gary (DEQ);Brennan, Patrick (DEQ)
Subject: FW: Needs Survey modifications
Attachments: MI DWINSA data as of 5-11-12.xlsx

We have until May 21st (one week from Monday) to submit our last modifications. Please note the address listed in the message immediately below this one that we should use to submit modifications by email next week because Druanne Cote will not be available to process ones sent to her address.

I have also attached a large file in excel that provides the updated status of all projects in Michigan. Some people find this format easier to sort and manipulate to identify the projects that may need possible modifications. If you have a lot of systems or a system with a lot of projects, you can cut and paste the data from your systems into a separate excel workbook and then sort on the comment code to see which projects may need attention. For instance, all projects with a code of 100 have been accepted unchanged and can be ignored. Projects that have a code of 308 were modified by Cadmus, but only to the extent that costs will be modeled instead of using the cost estimate provided, so no further action is needed. You will find the codes on the opening page of the needs survey website.

As I look through this spreadsheet next week, I may be contacting some of you to discuss possible responses for systems that have a lot of deleted projects and for which you have not indicated any response or marked "satisfied" on the tracking spreadsheet. If I decide to submit modifications independently, I will copy you.

Richard

From: Linda Hills [mailto:Linda.Hills@cadmusgroup.com]
Sent: Friday, May 11, 2012 3:17 PM
To: Benzie, Richard (DEQ)
Subject: RE: DWINSA Status Report 5/11/2012

Yeah, please send them to needssurveysubmittals@cadmusgroup.com. Copy me if you're worried about them.

I'll get you MI's data in about 20 minutes.

Linda

From: Benzie, Richard (DEQ) [mailto:BENZIER@michigan.gov]
Sent: Friday, May 11, 2012 1:14 PM
To: Linda Hills
Subject: RE: DWINSA Status Report 5/11/2012

Linda,

Should we be sending modifications to someone other than Dru next week? I expect one final push from some of our district staff.

Richard

From: Linda Hills [mailto:Linda.Hills@cadmusgroup.com]
Sent: Friday, May 11, 2012 3:04 PM
To: Barles.Robert@epamail.epa.gov; harvey.david@epamail.epa.gov
Cc: Donna Jensen; Sandie Koenig; Michelle Lee; Druanne Cote; Amanda Ereth
Subject: DWINSA Status Report 5/11/2012

Greetings DWINSA Workgroup – with only one more week left to submit mods for state systems, we thought you might like to have a more detailed status report. Attached is the standard report, and below is some more specific information about the survey status on a national level.

We are working very hard to get as many of the December vintage surveys uploaded as possible this week. As you can see, we've currently uploaded 98% of state systems, so we're very close.

A few of you have asked for a full "data dump" of the projects you've submitted to date. To those who have requested it, I'll get them out today and they will be current as of this morning.

Please be aware the our Mods Coordinator, Dru Prescott will be out next week, so if you have any questions on modifications submitted or the mods process, you can contact Amanda Ereth, Sandie Koenig, Michelle Lee or myself.

Thank you all, and have a great weekend.

Linda Hills

Linda Hills
Senior Associate
The Cadmus Group, Inc
406-457-5227

State data as of 5/11/2012

System Level Data	Project Level Data	

Systems Sampled	Surveys Received	Surveys Uploaded	% of Received Uploaded	Projects Processed	Projects Accepted with Cost	Projects Accepted with Amended Cost	Projects Accepted But No Cost	Projects Deleted	Projects Deleted But Included Elsewhere	Project Acceptance Rate	Adjusted Acceptance Rate
2859	2778	2713	98%	90257	65735	10316	521	8750	4935	84%	89%

AI/ANV data as of 5/11/2012

System Level Data				Project Level Data							
Systems Sampled	Surveys Received	Surveys Uploaded	% of Received Uploaded	Projects Processed	Projects Accepted with Cost	Projects Accepted with Amended Cost	Projects Accepted But No Cost	Projects Deleted	Projects Deleted But Included Elsewhere	Project Acceptance Rate	Adjusted Acceptance Rate
306	302	263	87%	3374	2240	673	26	284	151	86%	90%

	A	B	C	D
1	**PWSID**	**System Name**	**System Pipe Length**	**Project Number**
2				
3	MI0000110	ALGONAC	119890	1000
4	MI0000110	ALGONAC	119890	1002
5	MI0000110	ALGONAC	119890	1005
6	MI0000110	ALGONAC	119890	2000
7	MI0000110	ALGONAC	119890	2001
8	MI0000110	ALGONAC	119890	3001
9	MI0000220	ANN ARBOR	2478960	1001
10	MI0000220	ANN ARBOR	2478960	1002
11	MI0000220	ANN ARBOR	2478960	1003
12	MI0000220	ANN ARBOR	2478960	1004
13	MI0000220	ANN ARBOR	2478960	1005
14	MI0000220	ANN ARBOR	2478960	1006
15	MI0000220	ANN ARBOR	2478960	1007
16	MI0000220	ANN ARBOR	2478960	1008
17	MI0000220	ANN ARBOR	2478960	1009
18	MI0000220	ANN ARBOR	2478960	1011
19	MI0000220	ANN ARBOR	2478960	1012
20	MI0000220	ANN ARBOR	2478960	1013
21	MI0000220	ANN ARBOR	2478960	1014
22	MI0000220	ANN ARBOR	2478960	1015
23	MI0000220	ANN ARBOR	2478960	1019
24	MI0000220	ANN ARBOR	2478960	1020
25	MI0000220	ANN ARBOR	2478960	1021
26	MI0000220	ANN ARBOR	2478960	1022
27	MI0000220	ANN ARBOR	2478960	1023
28	MI0000220	ANN ARBOR	2478960	1024
29	MI0000220	ANN ARBOR	2478960	1025
30	MI0000220	ANN ARBOR	2478960	1026
31	MI0000220	ANN ARBOR	2478960	1027
32	MI0000220	ANN ARBOR	2478960	1028
33	MI0000220	ANN ARBOR	2478960	1029
34	MI0000220	ANN ARBOR	2478960	1030
35	MI0000220	ANN ARBOR	2478960	2001
36	MI0000220	ANN ARBOR	2478960	2002
37	MI0000220	ANN ARBOR	2478960	2003
38	MI0000220	ANN ARBOR	2478960	2004
39	MI0000220	ANN ARBOR	2478960	2005

	E	F	G	H	I	J	K	L	M	N	O	P
1	**Project Name**	**Type of Need Codes**								**Reason for Need Code**		
2		**Need 1**	**Need 2**	**Need 3**	**Need 4**	**Need 5**	**Need 6**	**Need 7**	**Need 8**	**Reason 1**	**Reason 2**	**Reason 3**
3	REHAB TREATMENT PLANT	T14								A1		
4	TANK REHAB ELEVATED STORAGE	S1								A1		
5	REPLACE GENERATOR AT TREATMENT PLANT	T99	W4							A1		
6	REPLACE UNDERSIZE & DETERIORATED MAIN	M1								A1		
7	REPLACE UNDERSIZED & DETERIORATED MAIN	M1								A1		
8	REPLACE WATER METERS	M8								A1		
9	SLUDGE STORAGE REPAIRS	T43								A1		
10	WEST HIGH SERVICE PUMP AND ELECTRICAL UPGRADE	P2								A4	A6	A1
11	REPLACE FILTER PRESS PLATES	T43								A1		
12	REPLACE STEERE FARM WELL PUMP ENGINES	R2								A1		
13	BARTON POND EARLY WARNING SYSTEM	W8	T99							A10	A11	
14	WELL BOOSTER STATION	R99	P2							A11		
15	NEW WELL AT STEERE FARM	R3	R1							A7		
16	STRUCTURAL REPAIRS PROJECT- PHASE 2 (TREATMENT PLA	T99	W10							A1		
17	SODIUM HYDROXIDE FEED SYSTEM	T35								A11		
18	REPAIR ROOF OF SOUTH INDUSTRIAL TANK	S2								A1		
19	MANCHESTER ELEVATED WATER TANK PAINT PROJECT	S1								A1		
20	ELEVATED STORAGE TANK (WEST HIGH SERVICE DISTRICT)	S1								A4		
21	NEW FLOC/CLARIFIER FOR PLANT #1	T39								A1		
22	NEW UNDERDRAIN FOR FILTER 11-26	T42								A1		
23	BARTON PUMP STATION ELECTRICAL UPGRADES	P2	R99							A1		
24	PLANT #2 HYDRAULIC CORRECTIONS	T99	W10							A1	A6	
25	REPAIR VALVES BEHIND OZONE BUILDING	M6								A1		
26	EAST HIGH SERVICE PUMP VFD REPLACEMENT	P2								A1		
27	BARTON PUMP STATION REHAB	P2								A1		
28	GLEN FULLER PUMP STATION REHAB	P2								A1		
29	NORTH CAMPUS PUMP STATION REHAB	P2								A1		
30	SOUTH EAST HS PUMP STATION REHAB	P2								A1		
31	ABANDON MONTGOMERY WELL	R5								A6		
32	ABANDON STEERE FARM WELL 742	R5								A6		
33	SUPERSTRUCTURE FOR PRETREATMENT BASINS	T46								A11		
34	REHABILITATE WATER TREATMENT PLANT	T10								A1		
35	ANN ARBOR RAILROAD WATER MAIN BORE	M1								A6		
36	CEDAR BEND WATER MAIN REPLACEMENT	M1								A6	A1	
37	DETROIT STREET WATER MAIN REPLACEMENT	M1								A1	A6	
38	DEVONSHIRE/BELMONT/LONDONDERRY WATER QUALITY IMPRO	M1								A7	A6	A1
39	EISENHOWER PARKWAY WATER MAIN	M1								A11		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1			Type Code	Current/ Future	Regulation/ Secondary Purpose					Capacity	Diameter	Length	Number Needed	Cost	Cost Date	Documentation Code		
2	Reason 4	Reason 5			Reg 1	Reg 2	Reg 3	Reg 4	Reg 5							Doc 1	Doc 2	Doc 3
3			H	F	4A					2.75			1		1/1/1900 0:00	10	6	
4			H	F	4A					0.5			1		1/1/1900 0:00	10		
5			R	F	4A					300			1		1/1/1900 0:00	10		
6			R	C	4A						8	10790			1/1/1900 0:00	11		
7			R	C	4A						8	1199			1/1/1900 0:00	10		
8			R	F	4A						0.625		1700		1/1/1900 0:00	10		
9			R	F									1	250000	2/1/2010 0:00	1		
10			R	C	2B	2E							1	7200000	10/1/2011 0:00	1		
11			R	C									1	400000	2/1/2010 0:00	1		
12			R	C						10			3	1400000	12/1/2010 0:00	1		
13			N	F									1	300000	12/1/2010 0:00	1		
14																		
15																		
16			H	F										1750000	2/1/2010 0:00	1		
17			N	F									1	3000000	12/1/2010 0:00	1		
18			H	C									1	500000	12/1/2010 0:00	1		
19			H	C						0.5			1	700000	12/1/2012 0:00	1		
20																		
21																		
22																		
23			H	C										2100000	12/1/2010 0:00	1		
24			H	F	1A									725000	12/1/2010 0:00	1		
25			H	C							30		2	250000	12/1/2010 0:00	1		
26																		
27																		
28			H	F						4.37			1		1/1/1900 0:00	10		
29			H	F						11.28			1		1/1/1900 0:00	10		
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31			N	C	1G	2B							1		1/1/1900 0:00	10		
32			N	C	2B								1		1/1/1900 0:00	10		
33																		
34																		
35																		
36			R	F	1B						6	450		175000	12/1/2010 0:00	1		
37			R	F	1B						8	1500		490000	12/1/2010 0:00	1		
38																		
39			N	C							16	800		275000	12/1/2010 0:00	1		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1			**Comment Codes**							
2	**Doc 4**	**Doc 5**	**Comment 1**	**Comment 2**	**Comment 3**	**Comment 4**	**Comment 5**	**Comment 6**	**Comment 7**	**Comment 8**
3			340							
4			100							
5			100							
6			324							
7			324							
8			340							
9			100							
10			326							
11			100							
12			100							
13			100							
14			216							
15			216							
16			100							
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19			100							
20			216							
21			204							
22			204							
23			328	326						
24			100							
25			326							
26			204							
27			162							
28			100							
29			100							
30			100							
31			328							
32			328							
33			162							
34			162							
35			216							
36			100							
37			100							
38			224							
39			338							

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40	MI0000220	ANN ARBOR	2478960	2006
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47	MI0000220	ANN ARBOR	2478960	2013
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51	MI0000220	ANN ARBOR	2478960	2017
52	MI0000220	ANN ARBOR	2478960	2018
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65	MI0000220	ANN ARBOR	2478960	2031
66	MI0000220	ANN ARBOR	2478960	2032
67	MI0000220	ANN ARBOR	2478960	2033
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70	MI0000220	ANN ARBOR	2478960	2036
71	MI0000220	ANN ARBOR	2478960	2037
72	MI0000220	ANN ARBOR	2478960	2038
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75	MI0000220	ANN ARBOR	2478960	2041
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80	MI0000220	ANN ARBOR	2478960	3005
81	MI0000220	ANN ARBOR	2478960	3006

	E	F	G	H	I	J	K	L	M	N	O	P
40	CALVIN STREET WATER EXTENSION	M1								A9		
41	NORTH STATE STREET WATER MAIN REPLACEMENT	M1								A6	A1	
42	PACKARD WATER MAIN BORE	M1								A6		
43	PAULINE/WHS RETURN LOOP WATER MAIN	M1								A6	A2	A4
44	SOUTH BOULEVARD WATER MAIN	M1								A7	A1	A6
45	SOUTH FIFTH AVENUE WATER MAIN	M1								A1	A6	
46	WASHTENAW WATER MAIN UPGRADE (SOUTH UNIVERSITY TO	M1								A1	A6	
47	WAYN E ST. WATER MAIN	M1								A9		
48	RUSSET, RUSSELL & REDEEMER WATER MAIN REPLACEMENT	M1								A7	A1	
49	RUTHVEN PLACE WATER MAIN REPLACEMENT	M1								A4	A1	
50	SOUTH FOURTH AVENUE WATER MAIN REPLACEMENT (HURON	M1								A4	A2	
51	TAYLOR STREET WATER MAIN	M1								A2		
52	VALHALLA DRIVE WATER MAIN	M1								A9	A2	
53	DEXTER AVENUE WATER MAIN REPLACEMENT	M1								A1		
54	DUNCAN WATER MAIN REPLACEMENT	M1								A1		
55	MILLER AVENUE WATER MAIN REPLACEMENT	M1								A1		
56	MAXWELL AVE WATER MAIN - REPLACE AND LOOP	M1								A6	A1	
57	RAW WATER MAIN (30-INCH) UPGRADE (SEVENTH EASTERLY	X1								A1		
58	NORTH UNIVERSITY COURT WATER MAIN	M1								A1		
59	GREENVIEW WATER MAIN REPLACEMENT	M1								A1		
60	CREST/BUENA VISTA/W. WASHINGTON WATER MAIN REPLACE	M1								A1		
61	E. STADIUM WATER MAIN PACKARD-BROCKMAN	M1								A1		
62	PROVINCIAL ST WATER MAIN	M1								A1		
63	STATE STREET RAW WATER RECONSTRUCT VALVES @ INTERC	M5								A1		
64	REPLACE WELL TRANSMISSION PIPE FROM STEERE FARM	X1								A1		
65	ARBOR OAKS SUBDIVISION WATER MAINS REPLACEMENT	M1								A1		
66	CATHERINE STREET 16-INCH WATER MAIN	M1								A1		
67	COLLINGWOOD WATER QUALITY IMPROVEMENTS	M1								A1		
68	DOVER COURT WATER MAIN REPLACEMENT	M1								A1		
69	ABBOTT AVE. WATER MAIN REPLACEMENT	M1								A1		
70	EMERGENCY INTERCONNECT WITH PITTSFIELD TWP	X2								A8		
71	EAST STADIUM BOULEVARD BRIDGES RAW WATER MAIN REPL	X1								A1		
72	STADIUM BOULEVARD WATER MAIN REPLACEMENT (HUTCHINS	W6	M99							A1		
73	PACKARD ROAD WATER MAIN REPLACEMENT	M1								A1		
74	PACKARD RD 8-INCH REPLACEMENT	M1								A1		
75	PACKARD RD 12-INCH REPLACEMENT	M1								A1		
76	DOWNTOWN VALVE INSERTION/REPLACEMENT	M5								A11		
77	GEDDES AND SOUTH EAST DISTRICT CONTROL VALVE	M6								A1		
78	GRAVITY AND WEST HIGH BOUNDARY VALVE REPLACEMENT	M5								A1		
79	TRAVER ROAD PRV	M6								A11		
80	FIRE FLOW PRVS	M6								A6		
81	RESIDENTIAL METER REPLACEMENT	M8								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
40			N	F							8	2400		625000	2/1/2010 0:00	1		
41			R	C	1B						8	750		235000	12/1/2010 0:00	1		
42																		
43																		
44			N	F	2A	1B					8	700		160000	12/1/2010 0:00	1		
45			R	C	1B						12	1000		225000	12/1/2010 0:00	1		
46																		
47																		
48																		
49			R	C							4	350		170000	12/1/2010 0:00	1		
50			R	C							4	360		300000	2/1/2010 0:00	1		
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52																		
53			R	C							12	4250		600000	2/1/2010 0:00	1		
54																		
55			R	C							8	4700		1500000	12/1/2010 0:00	1		
56			R	F	1B						8	900		210000	12/1/2006 0:00	20		
57			R	C							30			1530000	2/1/2010 0:00	1		
58																		
59			R	F							8	1200		400000	12/1/2010 0:00	1		
60																		
61			R	F							12	5350		2100000	12/1/2010 0:00	1		
62			R	F							6	500		155000	12/1/2012 0:00	1		
63			R	F							20			225000	12/1/2012 0:00	1		
64			R	F							20	14100		6400000	12/1/2010 0:00	1		
65			R	C										3500000	12/1/2010 0:00	1		
66			N	C							16	550		500000	12/1/2010 0:00	1		
67			R	C							8	650		100000	12/1/2010 0:00	1		
68			R	C										97000	12/1/2010 0:00	1		
69																		
70			N	F							16			60000	5/1/2010 0:00	1		
71			R	C							30			957000	12/1/2010 0:00	1		
72																		
73			R	C							6	33			1/1/1900 0:00	10		
74			R	C							8	744			1/1/1900 0:00	10		
75			R	C							12	4335			1/1/1900 0:00	10		
76			N	F							12			400000	12/1/2010 0:00	1		
77			N	F							16		1	200000	12/1/2010 0:00	1		
78			R	F							20		1	400000	12/1/2010 0:00	1		
79			N	F							16		1	100000	12/1/2006 0:00	1		
80			N	C	1B								3	470000	5/1/2010 0:00	1		
81			R	F							0.625		22501		1/1/1900 0:00	11		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
40			100							
41			100							
42			216							
43			118							
44			338	328						
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46			118							
47			216							
48			118							
49			100							
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53			328							
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71			100							
72			142							
73			278							
74			280							
75			280							
76			100							
77			100							
78			100							
79			100							
80			100							
81			308							

	A	B	C	D
82	MI0000220	ANN ARBOR	2478960	3007
83	MI0000220	ANN ARBOR	2478960	3008
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99	MI0000220	ANN ARBOR	2478960	3024
100	MI0000340	BAD AXE	252209	1000
101	MI0000340	BAD AXE	252209	1001
102	MI0000340	BAD AXE	252209	1002
103	MI0000340	BAD AXE	252209	1003
104	MI0000340	BAD AXE	252209	1004
105	MI0000340	BAD AXE	252209	1005
106	MI0000340	BAD AXE	252209	1006
107	MI0000340	BAD AXE	252209	1007
108	MI0000340	BAD AXE	252209	1008
109	MI0000340	BAD AXE	252209	2000
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111	MI0000340	BAD AXE	252209	2003
112	MI0000340	BAD AXE	252209	3000
113	MI0000340	BAD AXE	252209	3001
114	MI0000340	BAD AXE	252209	3002
115	MI0000340	BAD AXE	252209	3003
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117	MI0000340	BAD AXE	252209	3005
118	MI0000340	BAD AXE	252209	3006
119	MI0000340	BAD AXE	252209	3007
120	MI0000720	BIRCH RUN, VILLAGE OF	61275	1000
121	MI0000720	BIRCH RUN, VILLAGE OF	61275	1001
122	MI0000720	BIRCH RUN, VILLAGE OF	61275	2000
123	MI0000720	BIRCH RUN, VILLAGE OF	61275	2001

	E	F	G	H	I	J	K	L	M	N	O	P
82	RESIDENTIAL METER REPLACEMENT	M8								A1		
83	RESIDENTIAL METER REPLACEMENT	M8								A1		
84	COMMERCIAL METER REPLACEMENT	M8								A1		
85	COMMERCIAL METER REPLACEMENT	M8								A1		
86	COMMERCIAL METER REPLACEMENT	M8								A1		
87	COMMERCIAL METER REPLACEMENT	M8								A1		
88	COMMERCIAL METER REPLACEMENT	M8								A1		
89	COMMERCIAL METER REPLACEMENT	M8								A1		
90	COMMERCIAL METER REPLACEMENT	M8								A1		
91	COMMERCIAL METER REPLACEMENT	M8								A1		
92	MTU REPLACEMENT	M8								A1		
93	DCU UPGRADE FROM ANALOG TO DIGITAL	M8								A1		
94	WATER SYSTEM SECURITY	W6	W8	W9	W5					A10		
95	EMERGENCY GENERATOR FOR WATER PLANT	T99	W4							A1		
96	EMERGENCY GENERATOR WEST HIGH SERVICE PUMP STATION	W4	M99							A1		
97	EMERGENCY POWER NORTH CAMPUS PUMP STATION	M99	W4							A1		
98	EMERGENCY POWER SOUTH INDUSTRIAL ROAD PUMP STATION	M99	W4							A1		
99	SCADA SYSTEM REPLACEMENT	W2								A1		
100	REHAB WELL #1	R1								A1		
101	REHAB WELL #2	R1								A1		
102	REHAB 300,000G TANK	S1								A1		
103	REHAB 500,000G TANK	S1								A1		
104	REHAB BOOSTERS	P2								A1		
105	REHAB WELL #1 WELLHOUSE	R3								A1		
106	REHAB WELL #2 WELLHOUSE	R3								A1		
107	REPLACE SCADA	W2								A1		
108	REPLACE GENERATOR	W4								A1		
109	REPLACE UNDER-SIZE AC WATER MAIN	M1								A1		
110	REPLACE AC WATER MAIN	M1								A11		
111	REPLACE AC WATER MAIN	M1								A11		
112	REPLACE METERS	M8								A1		
113	REPLACE VALVES	M5								A1		
114	REPLACE HYDRANTS	M4								A1		
115	REPLACE METERS	M8								A1		
116	REPLACE METERS	M8								A1		
117	REPLACE METERS	M8								A1		
118	REPLACE METERS	M8								A1		
119	REPLACE METERS	M8								A1		
120	REPLACE TOWER #1	S1								A1		
121	REHAB TOWER #2	S1								A1		
122	REPL ASBESTOS MAINS	M1								A1		
123	REPL ASBESTOS MAINS	M1								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
82			R	F							0.75		1669		1/1/1900 0:00	11		
83			R	F							1		1888		1/1/1900 0:00	11		
84			R	F							2		955		1/1/1900 0:00	11		
85			R	F							2		725		1/1/1900 0:00	11		
86			R	F							3		140		1/1/1900 0:00	11		
87			R	F							4		74		1/1/1900 0:00	11		
88			R	F							6		30		1/1/1900 0:00	11		
89			R	F							8		5		1/1/1900 0:00	11		
90			R	F							10		3		1/1/1900 0:00	11		
91			R	F							12		1		1/1/1900 0:00	11		
92																		
93																		
94			R	C										2000000	12/1/2010 0:00	11		
95			R	F						1500			1		1/1/1900 0:00	11		
96			R	F						250			1		1/1/1900 0:00	11		
97			R	F						250			1		1/1/1900 0:00	11		
98			R	F						250			1		1/1/1900 0:00	11		
99			R	C									1		1/1/1900 0:00	11		
100			H	C	4A					0.86			1		1/1/1900 0:00	2	10	
101			H	C	4A					0.72			1		1/1/1900 0:00	10	2	
102			H	F	4A					0.3			1	74800	9/1/2006 0:00	4		
103			H	F	4A					0.5			1	95000	8/1/2006 0:00	4		
104			H	F	4A					4.32			3		1/1/1900 0:00	11		
105			H	C	4A								1		1/1/1900 0:00	10		
106			H	C	4A								1		1/1/1900 0:00	10		
107			R	F	4A								1		1/1/1900 0:00	10		
108			R	F	4A					175			3		1/1/1900 0:00	10		
109			R	C	4A						8	11000			1/1/1900 0:00	10	11	
110			R	C	4A						8	11800			1/1/1900 0:00	10	11	
111			R	C	4A						12	2410			1/1/1900 0:00	10	11	
112			R	F	2D						0.75		1259		1/1/1900 0:00	6	10	
113			R	C	2D								37		1/1/1900 0:00	11	10	
114			R	C	4A								30		1/1/1900 0:00	11	10	
115			R	F	2D						1		63		1/1/1900 0:00	10	6	
116			R	F	2D						1.5		25		1/1/1900 0:00	6	10	
117			R	F	2D						2		46		1/1/1900 0:00	10	6	
118			R	F	2D						3		7		1/1/1900 0:00	10	6	
119			R	F	2D						4		5		1/1/1900 0:00	10	6	
120			H	F	4A					0.075			1		1/1/1900 0:00	11		
121			H	F	4A					0.1			1		1/1/1900 0:00	11		
122			R	F	4A						6	3675			1/1/1900 0:00	11		
123			R	F	4A						8	2450			1/1/1900 0:00	11		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
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122			344							
123			100							

	A	B	C	D
124	MI0000720	BIRCH RUN, VILLAGE OF	61275	3001
125	MI0000720	BIRCH RUN, VILLAGE OF	61275	3002
126	MI0000720	BIRCH RUN, VILLAGE OF	61275	3003
127	MI0000720	BIRCH RUN, VILLAGE OF	61275	3004
128	MI0000720	BIRCH RUN, VILLAGE OF	61275	3005
129	MI0000720	BIRCH RUN, VILLAGE OF	61275	3006
130	MI0000720	BIRCH RUN, VILLAGE OF	61275	3007
131	MI0000940	BROWNSTOWN TWP	857212	2000
132	MI0000940	BROWNSTOWN TWP	857212	2001
133	MI0000940	BROWNSTOWN TWP	857212	2002
134	MI0000940	BROWNSTOWN TWP	857212	2003
135	MI0000940	BROWNSTOWN TWP	857212	2004
136	MI0000940	BROWNSTOWN TWP	857212	2005
137	MI0000940	BROWNSTOWN TWP	857212	2006
138	MI0000940	BROWNSTOWN TWP	857212	2007
139	MI0000940	BROWNSTOWN TWP	857212	2008
140	MI0000940	BROWNSTOWN TWP	857212	2009
141	MI0000940	BROWNSTOWN TWP	857212	2010
142	MI0000940	BROWNSTOWN TWP	857212	2011
143	MI0000940	BROWNSTOWN TWP	857212	2012
144	MI0000940	BROWNSTOWN TWP	857212	2013
145	MI0000940	BROWNSTOWN TWP	857212	2014
146	MI0000940	BROWNSTOWN TWP	857212	2015
147	MI0000940	BROWNSTOWN TWP	857212	2016
148	MI0000940	BROWNSTOWN TWP	857212	2017
149	MI0000940	BROWNSTOWN TWP	857212	3000
150	MI0000940	BROWNSTOWN TWP	857212	3001
151	MI0000980	BUENA VISTA TOWNSHIP	480638	2000
152	MI0000980	BUENA VISTA TOWNSHIP	480638	2001
153	MI0000980	BUENA VISTA TOWNSHIP	480638	2002
154	MI0000980	BUENA VISTA TOWNSHIP	480638	2003
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159	MI0000980	BUENA VISTA TOWNSHIP	480638	2009
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161	MI0000980	BUENA VISTA TOWNSHIP	480638	2011
162	MI0000980	BUENA VISTA TOWNSHIP	480638	2012
163	MI0000980	BUENA VISTA TOWNSHIP	480638	2013
164	MI0000980	BUENA VISTA TOWNSHIP	480638	2025
165	MI0000980	BUENA VISTA TOWNSHIP	480638	2026

	E	F	G	H	I	J	K	L	M	N	O	P
124	REPLACE BACKFLOW DEVICES	M7								A1		
125	REPLACE METERS	M8								A1		
126	REPLACE METERS	M8								A1		
127	REPLACE METERS	M8								A1		
128	REPLACE METERS	M8								A1		
129	REPLACE METERS	M8								A1		
130	REPLACE METERS	M8								A1		
131	REPLACE AGED WATER MAIN - TELEGRAPH RD PHASE I	M1								A1		
132	REPLACE AGED WATER MAIN - TELEGRAPH RD PHASE II	M1								A1		
133	REPLACED AGED WATER MAIN TELEGRAPH RD	M1								A1		
134	INSTALL WATER MAIN ON PENNSYLVANIA & INKSTER ROADS	M1								A4		
135	INSTALL WATER MAIN ON BEECH DALY RD	M1								A4		
136	INSTALL WATER MAIN ON PENNSYLVANIA BETWEEN TELEGRA	M1								A4		
137	REPLACE AGED WATER MAIN ON BREDOW	M1								A1		
138	REPLACE AGED WATER MAIN STREETS BET. SABOL & SIBLE	M1								A1		
139	REPLACE AGED WATER MAIN NELSON ROAD & CONNECTING S	M1								A1		
140	REPLACE AGED WATER MAIN ON NEWMAN STREET	M1								A1		
141	REPLACE AGED WATER MAIN ON REIDA DRIVE	M1								A1		
142	REPLACE AGED WATER MAIN ON CULPEPPER & PETROS, & C	M1								A1		
143	MAIN ON VAN HORN RD BETWEEN ARSENAL & BEECH DALY,	M1								A1		
144	MAIN APOLLO VILLA, PINE EAST, PINE WEST, CEDAR RID	M1								A1		
145	REPLACE AGED WATER MAIN CRAWFORD ROAD	M1								A1		
146	REPLACE AGED WATER MAIN JUDY CIRCLE	M1								A1		
147	REPLACE AGED WATER MAIN DEAN STREET	M1								A1		
148	REPLACE AGED WATER MAIN TELGRAPH ACRES SUBDIVISION	M1								A1		
149	REPLACE METERS	M8								A1		
150	REPLACE LEAD SERVICE LINES	M2								A6		
151	INSTALL SUFFOLK MAIN	M1								A7		
152	INSTALL HESS/WALCOTT TO RAY	M1								A11		
153	INSTALL SOUTH 27TH STREET	M1								A7		
154	INSTALL LAMSON LOOP	M1								A11		
155	INSTALL PERKINS LOOP	M1								A7		
156	INSTALL SOUTH 30TH STREET	M1								A7		
157	INSTALL 23RD/24TH STREET	M1								A11		
158	INSTALL DELORIS TO 29TH	M1								A11		
159	INSTALL PAVLINE ST	M1								A7		
160	INSTALL MUNGER	M1								A11		
161	INSTALL PORTSMOUTH	M1								A11		
162	INSTALL WASHINGTON	M1								A11		
163	INSTALL N. AIRPORT	M1								A11		
164	INSTALL 24TH,25TH,26TH,27TH ST RR-CROSSINGS	M1								A11		
165	REPLACE ASBESTOS CEMENT WATER MAIN	M1								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
124			R	F							1		2		1/1/1900 0:00	11		
125			R	C	4A						0.625		551		1/1/1900 0:00	10		
126			R	F	4A						1		89		1/1/1900 0:00	10		
127			R	F	4A						1.5		54		1/1/1900 0:00	10		
128			R	F	4A						2		24		1/1/1900 0:00	10		
129			R	F	4A						3		5		1/1/1900 0:00	10		
130			R	F	4A						4		1		1/1/1900 0:00	10		
131			R	C	4A						12	7800			1/1/1900 0:00	1	10	
132			R	C	4A						16	10000			1/1/1900 0:00	10	1	
133			R	C	4A						12	1600			1/1/1900 0:00	10	1	
134			N	C	4A						12	4000			1/1/1900 0:00	10	1	
135			N	C	4A						16	5200			1/1/1900 0:00	1	10	
136			N	C	4A						16	3700			1/1/1900 0:00	10	1	
137			R	C	4A						8	5000			1/1/1900 0:00	10	1	
138			R	C	4A						8	7500			1/1/1900 0:00	10	1	
139			R	C	4A						8	5500			1/1/1900 0:00	1	10	
140			R	C	4A						8	3000			1/1/1900 0:00	1	10	
141			R	C	4A						8	2500			1/1/1900 0:00	1	10	
142			R	C	4A						8	9000			1/1/1900 0:00	1	10	
143			R	C	4A						8	10000			1/1/1900 0:00	10	1	
144			R	C	4A						8	5000			1/1/1900 0:00	10	1	
145			R	C	4A						8	3000			1/1/1900 0:00	1	10	
146			R	C	4A						8	1142			1/1/1900 0:00	1	10	
147			R	C	4A						12	1515			1/1/1900 0:00	1	10	
148			R	C	4A						8	15000			1/1/1900 0:00	10	1	
149			R	F							0.75		9210		1/1/1900 0:00	6	10	
150			R	C	1D								92		1/1/1900 0:00	6	10	
151			N	C	2A						8	650			1/1/1900 0:00	2	10	
152			N	C	2B						12	1742			1/1/1900 0:00	10	2	
153			N	C	2A						8	5280			1/1/1900 0:00	10	2	
154			N	C	2B						8	1320			1/1/1900 0:00	2	10	
155			N	C	2A						8	1320			1/1/1900 0:00	2	10	
156			N	C	2A						8	200			1/1/1900 0:00	10	2	
157			N	C	2B						8	600			1/1/1900 0:00	2	10	
158			N	C	2B						8	2640			1/1/1900 0:00	10	2	
159			N	C	2A						8	2640			1/1/1900 0:00	2	10	
160			N	C	2B						12	2640			1/1/1900 0:00	10	6	2
161			N	C	2B						12	8765			1/1/1900 0:00	2	6	10
162			N	C	2B						12	5016			1/1/1900 0:00	2	10	6
163			N	C	2B						12	2640			1/1/1900 0:00	10	6	2
164			N	C	2B						8	1742			1/1/1900 0:00	2	10	
165			R	F	4A						8	48060			1/1/1900 0:00	10		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
124			100							
125			330	340						
126			100							
127			100							
128			100							
129			100							
130			100							
131			100							
132			100							
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134			100							
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136			100							
137			100							
138			100							
139			100							
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141			100							
142			100							
143			100							
144			100							
145			100							
146			100							
147			100							
148			100							
149			328	344						
150			100							
151			100							
152			100							
153			100							
154			100							
155			100							
156			100							
157			100							
158			100							
159			340							
160			100							
161			100							
162			100							
163			100							
164			100							
165			100							

	A	B	C	D
166	MI0000980	BUENA VISTA TOWNSHIP	480638	3004
167	MI0000980	BUENA VISTA TOWNSHIP	480638	3005
168	MI0000980	BUENA VISTA TOWNSHIP	480638	3006
169	MI0000980	BUENA VISTA TOWNSHIP	480638	3007
170	MI0000980	BUENA VISTA TOWNSHIP	480638	3008
171	MI0000980	BUENA VISTA TOWNSHIP	480638	3009
172	MI0000980	BUENA VISTA TOWNSHIP	480638	3010
173	MI0000980	BUENA VISTA TOWNSHIP	480638	3011
174	MI0000980	BUENA VISTA TOWNSHIP	480638	3012
175	MI0000980	BUENA VISTA TOWNSHIP	480638	3013
176	MI0000980	BUENA VISTA TOWNSHIP	480638	3014
177	MI0000980	BUENA VISTA TOWNSHIP	480638	3015
178	MI0000980	BUENA VISTA TOWNSHIP	480638	3016
179	MI0001480	CLINTON TOWNSHIP	1747680	1000
180	MI0001480	CLINTON TOWNSHIP	1747680	1001
181	MI0001480	CLINTON TOWNSHIP	1747680	2000
182	MI0001480	CLINTON TOWNSHIP	1747680	2001
183	MI0001480	CLINTON TOWNSHIP	1747680	2002
184	MI0001480	CLINTON TOWNSHIP	1747680	2003
185	MI0001480	CLINTON TOWNSHIP	1747680	2004
186	MI0001480	CLINTON TOWNSHIP	1747680	2005
187	MI0001480	CLINTON TOWNSHIP	1747680	2006
188	MI0001480	CLINTON TOWNSHIP	1747680	2007
189	MI0001480	CLINTON TOWNSHIP	1747680	3000
190	MI0001480	CLINTON TOWNSHIP	1747680	3001
191	MI0001480	CLINTON TOWNSHIP	1747680	3002
192	MI0001730	DEARBORN	0	1000
193	MI0001730	DEARBORN	0	2000
194	MI0001730	DEARBORN	0	2001
195	MI0001730	DEARBORN	0	2002
196	MI0001730	DEARBORN	0	2003
197	MI0001730	DEARBORN	0	2004
198	MI0001730	DEARBORN	0	2005
199	MI0001730	DEARBORN	0	2006
200	MI0001730	DEARBORN	0	3000
201	MI0001730	DEARBORN	0	3001
202	MI0001730	DEARBORN	0	3002
203	MI0001730	DEARBORN	0	3003
204	MI0001730	DEARBORN	0	3004
205	MI0001730	DEARBORN	0	3005
206	MI0001730	DEARBORN	0	3006
207	MI0001730	DEARBORN	0	3007

	E	F	G	H	I	J	K	L	M	N	O	P
166	REPLACE METERS	M8								A1		
167	REPLACE METERS	M8								A1		
168	REPLACE METERS	M8								A1		
169	REPLACE METERS	M8								A1		
170	REPLACE METERS	M8								A1		
171	REPLACE METERS	M8								A1		
172	REPLACE METERS	M8								A1		
173	REPLACE METERS	M8								A1		
174	REPLACE METERS	M8								A1		
175	REPLACE BACKFLOW DEVICES	M7								A1		
176	REPLACE BACKFLOW DEVICES	M7								A1		
177	REPLACE BACKFLOW DEVICES	M7								A1		
178	REPLACE BACKFLOW DEVICES	M7								A1		
179	REHAB BOOSTER PUMP STATION	P2								A1		
180	REHAB GROUND STORAGE TANK	S2								A1		
181	HARPER BEACH SUBDIVISION	M1								A1		
182	HEYDENREICH WM REPLACEMENT	X2								A1		
183	INGLESIDE FARMS WM REPLACE	M1								A1		
184	MAPLEWOOD WM REPLACEMENT	M1								A1		
185	GRATIOT CITY SUBDIVISION	M1								A1		
186	ASBURY PARK WM REPLACEMENT	M1								A1		
187	S. NUNNELEY E. OF GRATIOT	X2								A1		
188	REPLACEMENT OF OLD, DETERIORATED CAST IRON WATER M	M1								A1		
189	METER REPLACE 10 YR PLUS	M8								A1		
190	WATER VALVE REPLACEMENT	M5								A1		
191	FIRE HYDRANT REPLACEMENT	M4								A1		
192	ELEVATED STORAGE	S1								A3		
193	REPLACE DETERIORATED DISTRIBUTION MAINS	M1								A1		
194	REPLACE DETERIORATED DISTRIBUTION MAINS	M1								A1		
195	REPLACE DETERIORATED DISTRIBUTION MAINS	M1								A1		
196	REPLACE DETERIORATED DISTRIBUTION MAINS	M1								A1		
197	REPLACE DETERIORATED DISTRIBUTION MAINS	M1								A1		
198	REPLACE DETERIORATED DISTRIBUTION MAINS	X2								A1		
199	REPLACE DETERIORATED DISTRIBUTION MAINS	X2								A1		
200	REPLACE LEAD SERVICES	M2								A6		
201	REPLACE BACKFLOW PREVENTION DEVICES	M7								A1		
202	REPLACE WATER METERS	M8								A1		
203	REPLACE WATER METERS	M8								A1		
204	REPLACE WATER METERS	M8								A1		
205	REPLACE WATER METERS	M8								A1		
206	REPLACE WATER METERS	M8								A1		
207	REPLACE WATER METERS	M8								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
166			R	F	4A						0.75		3105		1/1/1900 0:00	10	11	
167			R	F	4A						1		83		1/1/1900 0:00	11	10	
168			R	F	4A						1.5		52		1/1/1900 0:00	11	10	
169			R	F	4A						2		75		1/1/1900 0:00	11	10	
170			R	F	4A						3		14		1/1/1900 0:00	11	10	
171			R	F	4A						4		2		1/1/1900 0:00	10	11	
172			R	F	4A						5		3		1/1/1900 0:00	10	11	
173			R	F	4A						6		1		1/1/1900 0:00	11	10	
174			R	F	4A						10		3		1/1/1900 0:00	10	11	
175			R	F	4A						0.75		1		1/1/1900 0:00	11		
176			R	F	4A						2		2		1/1/1900 0:00	11		
177			R	F	4A						3		2		1/1/1900 0:00	11		
178			R	F	4A						4		1		1/1/1900 0:00	11		
179			H	F	4A					28.8			1		1/1/1900 0:00	10		
180			H	F	4A					3.5			1		1/1/1900 0:00	10		
181			R	C	4A						8	20000		900000	10/1/2010 0:00	10	1	
182			R	C	4A						12	5000		480000	12/1/2010 0:00	1	10	
183			R	C	4A						8	5000		1200000	10/1/2010 0:00	10	1	
184			R	C	4A						8	9000		1080000	10/1/2010 0:00	10	1	
185			R	C	4A						8	51000		6120000	10/1/2010 0:00	1	10	
186			R	C	4A						8	15700		1884000	10/1/2010 0:00	1	10	
187			R	C	4A						16	3100		465000	10/1/2010 0:00	10	1	
188			R	F	4A						8	66000			1/1/1900 0:00	10		
189			R	C	4A						1		29288		1/1/1900 0:00	10		
190			R	C	4A						8		210		1/1/1900 0:00	10	6	
191																		
192			N	F	4A					5			1		1/1/1900 0:00	20		
193			R	C	4A						6	316192	1		1/1/1900 0:00	20		
194			R	C	4A						8	83857	1		1/1/1900 0:00	20		
195			R	C	4A						10	5606	1		1/1/1900 0:00	20		
196			R	C	4A						12	33952	1		1/1/1900 0:00	20		
197			R	C	4A						16	3155	1		1/1/1900 0:00	20		
198			R	C	4A						24	376	1		1/1/1900 0:00	20		
199			R	C	4A						30	10	1		1/1/1900 0:00	20		
200			R	C	1D						1		34580		1/1/1900 0:00	10	11	
201			R	F	4A						0.625		23126		1/1/1900 0:00	10	11	
202			R	F							0.625		26499		1/1/1900 0:00	11	10	
203			R	F							0.75		2798		1/1/1900 0:00	10	11	
204			R	F							1		1927		1/1/1900 0:00	11	10	
205			R	F							1.5		601		1/1/1900 0:00	11	10	
206			R	F							2		552		1/1/1900 0:00	10	11	
207			R	F							3		132		1/1/1900 0:00	10	11	

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
166			100							
167			100							
168			100							
169			100							
170			100							
171			100							
172			100							
173			100							
174			100							
175			324							
176			324							
177			324							
178			324							
179			100							
180			100							
181			338							
182			100							
183			338							
184			338							
185			338							
186			338							
187			338							
188			100							
189			100							
190			264							
191			262							
192			100							
193			100							
194			100							
195			100							
196			100							
197			100							
198			100							
199			100							
200			100							
201			340							
202			100							
203			100							
204			100							
205			100							
206			100							
207			100							

	A	B	C	D
208	MI0001730	DEARBORN	0	3008
209	MI0001730	DEARBORN	0	3009
210	MI0001730	DEARBORN	0	3010
211	MI0001730	DEARBORN	0	3011
212	MI0001800	DETROIT CITY OF	0	1003
213	MI0001800	DETROIT CITY OF	0	1005
214	MI0001800	DETROIT CITY OF	0	1007
215	MI0001800	DETROIT CITY OF	0	1008
216	MI0001800	DETROIT CITY OF	0	1009
217	MI0001800	DETROIT CITY OF	0	1012
218	MI0001800	DETROIT CITY OF	0	1015
219	MI0001800	DETROIT CITY OF	0	1023
220	MI0001800	DETROIT CITY OF	0	1027
221	MI0001800	DETROIT CITY OF	0	1028
222	MI0001800	DETROIT CITY OF	0	1029
223	MI0001800	DETROIT CITY OF	0	1035
224	MI0001800	DETROIT CITY OF	0	1036
225	MI0001800	DETROIT CITY OF	0	1037
226	MI0001800	DETROIT CITY OF	0	1038
227	MI0001800	DETROIT CITY OF	0	1039
228	MI0001800	DETROIT CITY OF	0	1040
229	MI0001800	DETROIT CITY OF	0	1044
230	MI0001800	DETROIT CITY OF	0	1045
231	MI0001800	DETROIT CITY OF	0	1046
232	MI0001800	DETROIT CITY OF	0	1047
233	MI0001800	DETROIT CITY OF	0	1048
234	MI0001800	DETROIT CITY OF	0	1049
235	MI0001800	DETROIT CITY OF	0	1050
236	MI0001800	DETROIT CITY OF	0	1051
237	MI0001800	DETROIT CITY OF	0	1052
238	MI0001800	DETROIT CITY OF	0	1053
239	MI0001800	DETROIT CITY OF	0	1054
240	MI0001800	DETROIT CITY OF	0	1055
241	MI0001800	DETROIT CITY OF	0	1056
242	MI0001800	DETROIT CITY OF	0	1057
243	MI0001800	DETROIT CITY OF	0	1058
244	MI0001800	DETROIT CITY OF	0	1059
245	MI0001800	DETROIT CITY OF	0	1060
246	MI0001800	DETROIT CITY OF	0	1061
247	MI0001800	DETROIT CITY OF	0	1062
248	MI0001800	DETROIT CITY OF	0	1063
249	MI0001800	DETROIT CITY OF	0	1064

	E	F	G	H	I	J	K	L	M	N	O	P
208	REPLACE WATER METERS	M8								A1		
209	REPLACE WATER METERS	M8								A1		
210	REPLACE WATER METERS	M8								A1		
211	REPLACE WATER METERS	M8								A1		
212	NORTHEAST WTP IMPROVEMENTS - FILTRATION REHABILIT	T42								A1		
213	NORTHEAST WTP IMPROVEMENTS - CONSTRUCTION PHASE 2	T43	T39							A1		
214	NORTHEAST WTP IMPROVEMENTS - CONSTRUCTION PHASE 3	T42								A1		
215	NORTHEAST WTP - DESIGN MAJOR PUMPING EQUIPMENT IMP	T99	P2							A1		
216	NORTHEAST WTP - CONSTRUCTION MAJOR PUMPING EQUIPME	P2	T99							A1		
217	SOUTHWEST WTP IMPROVEMENTS - CONSTRUCTION PHASE 1	T10								A1		
218	SOUTHWEST WTP - IMPROVEMENTS - CONSTRUCTION	P2	T99							A1		
219	SPRINGWELLS WTP - 1958 FILTER REHABILITATION	T42								A1		
220	SPRINGWELLS WTP - LOW- LIFT AND HIGH LIFT PUMP STA	T99	P2							A1		
221	SPRINGWELLS WTP - PRE-TREATMENT IMPROVEMENTS - D	X1	T35	T39						A1		
222	SPRINGWELLS WTP - PRE-TREATMENT IMPROVEMENTS -	T39	X1	T35						A1		
223	NEWBURGH BOOSTER STATION	P2								A1		
224	NEWBURGH NEW 20 MG HIGH GROUND RESERVOIR	S2								A3		
225	ROCHESTER STATION EXPANSION	P2								A4	A10	
226	ROMEO PUMPING STATION	P2								A4		
227	CHESTERFIELD / SNOVER STATION	S2	P2							A3	A4	
228	WEST SERVICE CENTER IMPROVEMENTS	P2								A1		
229	HIGH GROUND STORAGE TANK NORTH OF ORION STATION	X2	S2							A3		
230	ADAMS ROAD - NEW 10 MG HIGH GROUND RESERVOIR	S2								A3		
231	LAKE HURON WTP - REHABILITATION	T11								A1		
232	WATER WORKS WTP- REHABILITATION	T10								A1		
233	ADAMS ROAD - LINE PUMPS REHABILITATION	P2								A1		
234	ADAMS ROAD - RESERVOIR PUMPS	P1								A1		
235	EASTSIDE BOOSTER STATION	P2								A1		
236	ELECTRIC BOOSTER STATION REHABILITATION	P2								A1		
237	ELECTRIC B.S. RESERVOIR PUMPS	P1								A1		
238	FORD - LINE PUMPS REHABILITATION	P2								A1		
239	FORD -RESERVOIR PUMPS	P1								A1		
240	FRANKLIN - LINE PUMPS REHABILITATION	P2								A1		
241	FRANKLIN - RESERVOIR PUMPS	P1								A1		
242	IMLAY BOOSTER STATION	P2								A1		
243	JOY ROAD - LINE PUMPS REHABILITATION	P2								A1		
244	JOY ROAD - RESERVOIR PUMPS	P1								A1		
245	MICHIGAN - LINE PUMPS REHABILITATION	P2								A1		
246	MICHIGAN - RESERVOIR PUMPS	P1								A1		
247	NORTH SERVICE CENTER - LINE PUMPS REHABILITATION	P2								A1		
248	NORTH SERVICE CENTER - RESERVOIR PUMPS	P1								A1		
249	NORTHWEST BOOSTER STATION	P2								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
208			R	F							4		77		1/1/1900 0:00	11	10	
209			R	F							6		34		1/1/1900 0:00	11	10	
210			R	F							8		16		1/1/1900 0:00	11	10	
211			R	F							10		24		1/1/1900 0:00	11	10	
212			R	C	4A					340				46500000	7/1/2010 0:00	1	20	
213			H	C	4A					340				50400000	7/1/2010 0:00	20	1	
214			H	C	4A					340				43600000	7/1/2010 0:00	20	1	
215			R	C	4A					340				3025000	7/1/2010 0:00	1	20	
216			R	C	4A					340				17200000	7/1/2010 0:00	1	20	
217			H	C						240					1/1/1900 0:00	11		
218																		
219			H	C	4A					540				1.21E+08	7/1/2011 0:00	20	1	
220			H	C	4A					540				98500000	7/1/2011 0:00	1	20	
221			H	C	4A					540				1.64E+08	7/1/2011 0:00	1	20	
222																		
223			H	C	4A									2600000	7/1/2006 0:00	20		
224			N	C	4A					20				12200000	6/1/2004 0:00	20		
225			H	C	4A									7500000	7/1/2006 0:00	20		
226			N	C	4A									30000000	7/1/2006 0:00	20		
227			N	C	4A									35100000	7/1/2006 0:00	20		
228			H	C	4A									1100000	7/1/2006 0:00	20		
229			N	C	4A									30200000	6/1/2004 0:00	20		
230			N	C	4A					10				9100000	6/1/2004 0:00	20		
231			H	F	4A					400					1/1/1900 0:00	20		
232			H	F	4A					240					1/1/1900 0:00	20		
233			H	F	4A					108.8					1/1/1900 0:00	20		
234																		
235			H	F	4A					30					1/1/1900 0:00	20		
236			H	F	4A					24.4					1/1/1900 0:00	20		
237																		
238			H	F	4A					108.46					1/1/1900 0:00	20		
239																		
240			H	F	4A					162					1/1/1900 0:00	20		
241																		
242			H	F	4A					225					1/1/1900 0:00	20		
243			H	F	4A					91.68					1/1/1900 0:00	20		
244																		
245			H	F	4A					28.52					1/1/1900 0:00	20		
246																		
247			H	F	4A					326.5					1/1/1900 0:00	20		
248																		
249			H	F	4A					50					1/1/1900 0:00	20		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
208			100							
209			100							
210			100							
211			100							
212			340							
213			340							
214			340							
215			326	340						
216			326	340						
217			308	288						
218			254							
219			340	326						
220			326	340						
221			288	340	326					
222			254							
223			100							
224			100							
225			328							
226			100							
227			100							
228			100							
229			100							
230			100							
231			100							
232			100							
233			100							
234			262							
235			100							
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240			100							
241			262							
242			100							
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244			262							
245			100							
246			262							
247			100							
248			262							
249			100							

	A	B	C	D
250	MI0001800	DETROIT CITY OF	0	1065
251	MI0001800	DETROIT CITY OF	0	1066
252	MI0001800	DETROIT CITY OF	0	1067
253	MI0001800	DETROIT CITY OF	0	1068
254	MI0001800	DETROIT CITY OF	0	1069
255	MI0001800	DETROIT CITY OF	0	1070
256	MI0001800	DETROIT CITY OF	0	1071
257	MI0001800	DETROIT CITY OF	0	1072
258	MI0001800	DETROIT CITY OF	0	1073
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265	MI0001800	DETROIT CITY OF	0	1080
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267	MI0001800	DETROIT CITY OF	0	1082
268	MI0001800	DETROIT CITY OF	0	1083
269	MI0001800	DETROIT CITY OF	0	1084
270	MI0001800	DETROIT CITY OF	0	1085
271	MI0001800	DETROIT CITY OF	0	1086
272	MI0001800	DETROIT CITY OF	0	1087
273	MI0001800	DETROIT CITY OF	0	1088
274	MI0001800	DETROIT CITY OF	0	2004
275	MI0001800	DETROIT CITY OF	0	2007
276	MI0001800	DETROIT CITY OF	0	2008
277	MI0001800	DETROIT CITY OF	0	2010
278	MI0001800	DETROIT CITY OF	0	2012
279	MI0001800	DETROIT CITY OF	0	2013
280	MI0001800	DETROIT CITY OF	0	2014
281	MI0001800	DETROIT CITY OF	0	2015
282	MI0001800	DETROIT CITY OF	0	2017
283	MI0001800	DETROIT CITY OF	0	2018
284	MI0001800	DETROIT CITY OF	0	2019
285	MI0001800	DETROIT CITY OF	0	2020
286	MI0001800	DETROIT CITY OF	0	2021
287	MI0001800	DETROIT CITY OF	0	2022
288	MI0001800	DETROIT CITY OF	0	2023
289	MI0001800	DETROIT CITY OF	0	2025
290	MI0001800	DETROIT CITY OF	0	2029
291	MI0001800	DETROIT CITY OF	0	2030

	E	F	G	H	I	J	K	L	M	N	O	P
250	ORION BOOSTER STATION REHABILITATION	P2								A1		
251	ROSEVILLE BOOSTER STATION REHABILITATION	P2								A1		
252	ST. CLAIR SHORES BOOSTER STATION	P2								A1		
253	WEST CHICAGO - LINE PUMPS REHABILITATION	P2								A1		
254	WEST CHICAGO - RESERVOIR PUMPS	P1								A1		
255	FARMINGTON BOOSTER STATION REHABILITATION	P2								A1		
256	ADAMS ROAD - RESERVOIR REHABILITATION	S2								A1		
257	EASTSIDE RESERVOIR REHABILITATION	S2								A1		
258	ELECTRIC B.S. RESERVOIR REHABILITATION	S2								A1		
259	FORD - RESERVOIR REHABILITATION	S2								A1		
260	FRANKLIN RESERVOIR REHABILITATION	S2								A1		
261	IMLAY RESERVOIR REHABILITATION	S2								A1		
262	JOY ROAD RESERVOIR REHABILITATION	S2								A1		
263	MICHIGAN RESERVOIR REHABILITATION	S2								A1		
264	NORTH SERVICE CENTER RESERVOIR REHABILITATION	S2								A1		
265	NORTHWEST RESERVOIR REHABILITATION	S2								A1		
266	ST. CLAIR SHORES RESERVOIR REHABILITATION	S2								A1		
267	WEST CHICAGO RESERVOIR REHABILITATION	S2								A1		
268	NORTHEAST WTP - HIGH PR. PUMPING UNITS	P1	T99							A1		
269	SOUTHWEST WTP - MCCS AND LIGHTING PANELS	W3								A1		
270	SPRINGWELLS WTP - DISCHARGE HEADER PIPE REPLACEMEN	T46								A1		
271	LAKE HURON WTP- REPLACEMENT OF PUMP #4 W/VFD	P1	T99							A1		
272	REPLACEMENT OF SWITCHGEAR AT JOY RD PS	P2								A1		
273	READY RD PS AND RESERVOIR	P2	S1							A1		
274	PARALLEL 42 INCH MAIN TO FLINTS MASTER METER	X2								A4	A8	
275	PARALLEL 42 INCH MAIN IN 24 MILE ROAD FOSS TO FAIR	X2								A8	A4	
276	72 MAIN-ROMEO TO SPRINGFIELD TOWNSHIP	X2								A9	A11	A8
277	96 WATER MAIN RELOCATION	X2								A1		
278	EIGHT MILE ROAD TRANSMISSION MAIN	X2								A4		
279	WIXOM - SOUTH LYON PIPELINE - CONSTRUCTION	X2								A9	A8	
280	WATER SYSTEM IMPROVEMENTS - VARIOUS STREETS	M1								A1		
281	WATER SYSTEM IMPROVEMENT - MDOT PROJECT #63051-805	M1								A1		
282	WATER SYSTEM IMPROVEMENTS - VARIOUS STREETS	M1								A1		
283	WATER SYSTEM IMPROVEMENTS - VARIOUS STREETS THROUG	M1								A1		
284	HAGGERTY TRANSMISSION MAIN LOOP	X2								A4		
285	SECOND FEED FROM LAKE HURON WATER TREATMENT PLANT	X2								A11		
286	MICHIGAN AVENUE TRANSMISSION MAIN LOOP	X2								A4		
287	24 MILE MAIN TO THE WEST OF ROCHESTER STATION	X2								A11		
288	TRANSMISSION MAIN DOWNSTREAM OF HAGGERTY STATION	X2								A1		
289	TRANSMISSION MAIN DOWNSTREAM OF MICHIGAN AVE. STA	X2								A1		
290	REPLACEMENT OF UNLINED 6 CAST IRON	M1								A1		
291	REPLACEMENT OF UNLINED 8 CAST IRON	M1								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
250			H	F	4A					14					1/1/1900 0:00	20		
251			H	F	4A					21					1/1/1900 0:00	20		
252			H	F	4A					18					1/1/1900 0:00	20		
253			H	F	4A					40.7					1/1/1900 0:00	20		
254																		
255			H	F	4A					6.6					1/1/1900 0:00	20		
256			H	F						10					1/1/1900 0:00	20		
257			H	F	4A					10					1/1/1900 0:00	20		
258			H	F	4A					6.6					1/1/1900 0:00	20		
259			H	F	4A					10					1/1/1900 0:00	20		
260			H	F	4A					10					1/1/1900 0:00	20		
261			H	F	4A					20					1/1/1900 0:00	20		
262			H	F	4A					10					1/1/1900 0:00	20		
263			H	F	4A					6.8					1/1/1900 0:00	20		
264			H	F	4A					20					1/1/1900 0:00	20		
265			H	F	4A					10					1/1/1900 0:00	20		
266			H	F	4A					4					1/1/1900 0:00	20		
267			H	F	4A					9.5					1/1/1900 0:00	20		
268			R	C	4A					340				6830000	7/1/2010 0:00	1	10	
269																		
270			H	C	4A					540				49200000	7/1/2010 0:00	1	10	
271																		
272																		
273			N	C										38100000	7/1/2010 0:00	1	10	
274			N	C	4A						42	127000		50475000	7/1/2006 0:00	20		
275			N	C	4A						42	13900		9500000	7/1/2006 0:00	1	20	
276			N	C	4A						72			1.44E+08	7/1/2006 0:00	20		
277			R	C	4A						96	25000		17700000	7/1/2006 0:00	1	20	
278			N	C	4A						60	58512		23000000	7/1/2006 0:00	20		
279			N	C	4A						72	10560		42000000	7/1/2006 0:00	20		
280																		
281																		
282																		
283																		
284			N	C	4A							84480		1.04E+08	2/1/2005 0:00	20		
285			N	C	4A							211200		3.88E+08	2/1/2005 0:00	20		
286			N	C	4A						36	31680		16500000	2/1/2005 0:00	20		
287			N	C	4A						72	31680		42600000	2/1/2005 0:00	20		
288			R	C	4A						42	5280		2700000	2/1/2005 0:00	20		
289			R	C	4A						24	10560		4100000	2/1/2005 0:00	20		
290																		
291																		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
250			100							
251			100							
252			100							
253			100							
254			262							
255			100							
256			100							
257			100							
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264			100							
265			100							
266			100							
267			100							
268			326	340						
269			262							
270			340	326						
271			262							
272			262							
273			400	212						
274			100							
275			336							
276			336							
277			100							
278			100							
279			100							
280			250							
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282			250							
283			250							
284			100							
285			100							
286			100							
287			100							
288			100							
289			100							
290			250							
291			250							

	A	B	C	D
292	MI0001800	DETROIT CITY OF	0	2031
293	MI0001800	DETROIT CITY OF	0	2032
294	MI0001800	DETROIT CITY OF	0	2033
295	MI0001800	DETROIT CITY OF	0	2034
296	MI0001800	DETROIT CITY OF	0	2035
297	MI0001800	DETROIT CITY OF	0	2036
298	MI0001800	DETROIT CITY OF	0	2037
299	MI0001800	DETROIT CITY OF	0	2038
300	MI0001800	DETROIT CITY OF	0	2039
301	MI0001800	DETROIT CITY OF	0	3000
302	MI0001800	DETROIT CITY OF	0	3001
303	MI0001800	DETROIT CITY OF	0	3002
304	MI0001800	DETROIT CITY OF	0	3003
305	MI0001800	DETROIT CITY OF	0	3004
306	MI0001800	DETROIT CITY OF	0	3005
307	MI0001800	DETROIT CITY OF	0	3006
308	MI0001800	DETROIT CITY OF	0	3007
309	MI0001800	DETROIT CITY OF	0	3008
310	MI0001800	DETROIT CITY OF	0	3009
311	MI0001800	DETROIT CITY OF	0	3010
312	MI0001800	DETROIT CITY OF	0	3011
313	MI0001800	DETROIT CITY OF	0	3012
314	MI0001800	DETROIT CITY OF	0	3013
315	MI0001800	DETROIT CITY OF	0	3014
316	MI0001800	DETROIT CITY OF	0	3015
317	MI0001800	DETROIT CITY OF	0	3016
318	MI0001800	DETROIT CITY OF	0	3017
319	MI0001800	DETROIT CITY OF	0	3018
320	MI0001800	DETROIT CITY OF	0	3019
321	MI0001800	DETROIT CITY OF	0	3020
322	MI0001800	DETROIT CITY OF	0	3021
323	MI0001800	DETROIT CITY OF	0	3022
324	MI0001800	DETROIT CITY OF	0	3023
325	MI0001800	DETROIT CITY OF	0	3024
326	MI0001995	EAST LANSING MERIDIAN WATER AUTHORITY	16986	1000
327	MI0001995	EAST LANSING MERIDIAN WATER AUTHORITY	16986	1001
328	MI0001995	EAST LANSING MERIDIAN WATER AUTHORITY	16986	1002
329	MI0001995	EAST LANSING MERIDIAN WATER AUTHORITY	16986	1003
330	MI0001995	EAST LANSING MERIDIAN WATER AUTHORITY	16986	1004
331	MI0001995	EAST LANSING MERIDIAN WATER AUTHORITY	16986	1005
332	MI0001995	EAST LANSING MERIDIAN WATER AUTHORITY	16986	1006
333	MI0001995	EAST LANSING MERIDIAN WATER AUTHORITY	16986	1007

	E	F	G	H	I	J	K	L	M	N	O	P
292	6-INCH PIPE REPLACEMENT	M1								A1		
293	8-INCH PIPE REPLACEMENT	M1								A1		
294	10-INCH PIPE REPLACEMENT	M1								A1		
295	12-INCH PIPE REPLACEMENT	M1								A1		
296	16-INCH PIPE REPLACEMENT	M1								A1		
297	20-INCH PIPE REPLACEMENT	M1								A1		
298	PARALLEL 42-INCH MAIN IN 24 MILE RD FROM ROCHESTER	X2								A8	A4	
299	PARALLEL 48-INCH MAIN FROM WICK STATION TO HANNAN	X2								A8	A4	
300	WATER TRANSMISSION ALLOWANCE FOR VARIOUS SIZES OF	X2								A4	A8	
301	FLOW MEASUREMENT DEVICES AT WTP & BP STATIONS	M8								A6		
302	LINE PUMP DISCHARGE	M6								A11		
303	VULNERABILITY ASSESSMENT	W7								A10		
304	BYPASS OF IMLAY PUMP STATION TOWARD FLINT - CONST	M6	M5							A11		
305	REPLACE LEAD SERVICE LINES	M2								A6		
306	WHOLESALE CUSTOMER METER REPLACEMENTS - 10	M8								A1		
307	WHOLESALE CUSTOMER METER REPLACEMENTS - 12	M8								A1		
308	WHOLESALE CUSTOMER METER REPLACEMENTS - 14	M8								A1		
309	WHOLESALE CUSTOMER METER REPLACEMENTS - 16	M8								A1		
310	WHOLESALE CUSTOMER METER REPLACEMENTS - 18	M8								A1		
311	WHOLESALE CUSTOMER METER REPLACEMENTS - 20	M8								A1		
312	WHOLESALE CUSTOMER METER REPLACEMENTS - 24	M8								A1		
313	WHOLESALE CUSTOMER METER REPLACEMENTS - 30	M8								A1		
314	WHOLESALE CUSTOMER METER REPLACEMENTS - 36	M8								A1		
315	WHOLESALE CUSTOMER METER REPLACEMENTS - 48	M8								A1		
316	WHOLESALE CUSTOMER METER REPLACEMENTS - 6	M8								A1		
317	WHOLESALE CUSTOMER METER REPLACEMENTS - 60	M8								A1		
318	WHOLESALE CUSTOMER METER REPLACEMENTS - 8	M8								A1		
319	DIRECT CUSTOMER METER REPLACEMENT	M8								A1		
320	CONSOLIDATED PROCESS CONTROL SYSTEM	W2								A1		
321	DATA CENTER RELIABILITY	W2								A1		
322	SCADA RADIO NETWORK UPGRADE	W2								A1		
323	WATER WORKS PARK WTP-YARD PIPING, VALVES AND VENTU	M6	M1	M8						A1		
324	REPLACEMENT OF PRVS	M6								A4		
325	METER IMPROVEMENTS AT WTPS	M8								A1		
326	REHABILITATION OF WATER TREATMENT PLANT	T10								A1		
327	REHABILITATION OF GROUNDLEVEL STORAGE TANK	S2								A1		
328	REHABILITATION OF HAGADORN ROAD BOOSTER STATION	P2								A1		
329	REHABILITATION OF DOBIE ROAD BOOSTER STATION	P2								A1		
330	REHABILITATION OF WELL NOS. 1, 4, 9, 13, 14, 15, 2	R2								A1		
331	REHABILITATION OF WELL NO.2 AT 400 GPM	R2								A1		
332	REHABILITATION OF WELL NO. 3 AT 325 GPM	R2								A1		
333	REHABILITATION OF WELL NOS. 5, 16, 26, 27, 28, & 2	R2								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
292			R	C	4A						6	2082788			1/1/1900 0:00	20		
293			R	C	4A						8	2297860			1/1/1900 0:00	20		
294			R	C	4A						10	97744			1/1/1900 0:00	20		
295			R	C	4A						12	633032			1/1/1900 0:00	20		
296			R	C	4A						12	284522			1/1/1900 0:00	20		
297			R	C	4A						20	3464			1/1/1900 0:00	20		
298			N	C	4A						42	36720		36400000	7/1/2011 0:00	10	1	
299			N	C	4A						48	15000		20000000	7/1/2011 0:00	1	10	
300			R	C	4A									2.00E+08	7/1/2011 0:00	10	1	
301																		
302																		
303																		
304			N	C	4A									2200000	7/1/2006 0:00	20		
305			R	C	1D						1		107685		1/1/1900 0:00	20		
306			R	F	4A						10		63		1/1/1900 0:00	20		
307			R	F	4A						12		30		1/1/1900 0:00	20		
308			R	F	4A						14		3		1/1/1900 0:00	20		
309			R	F	4A						16		58		1/1/1900 0:00	20		
310			R	F	4A						18		6		1/1/1900 0:00	20		
311			R	F	4A						20		11		1/1/1900 0:00	20		
312			R	F	4A						24		16		1/1/1900 0:00	20		
313			R	F	4A						30		6		1/1/1900 0:00	20		
314			R	F	4A						36		1		1/1/1900 0:00	20		
315			R	F	4A						48		2		1/1/1900 0:00	20		
316			R	F	4A						6		13		1/1/1900 0:00	20		
317			R	F	4A						60		1		1/1/1900 0:00	20		
318			R	F	4A						8		75		1/1/1900 0:00	20		
319			R	C	4A						1		270000		1/1/1900 0:00	20		
320			R	C	4A									7600000	7/1/2011 0:00	10	1	
321																		
322																		
323			R	C	4A									29500000	7/1/2010 0:00	1	10	
324			R	C	4A									1300000	7/1/2011 0:00	1	10	
325			R	C										1200000	7/1/2011 0:00	1	10	
326			H	F	4A					15			1		1/1/1900 0:00	10		
327			H	C	4A					2			1		1/1/1900 0:00	10		
328			H	C	4A					1.44			2		1/1/1900 0:00	10		
329			H	C	4A					2.16			2		1/1/1900 0:00	10		
330			R	C	4A					0.432			7		1/1/1900 0:00	10		
331			R	C	4A					0.576			1		1/1/1900 0:00	10		
332			R	C	4A					0.468			1		1/1/1900 0:00	10		
333			R	C	4A					0.72			6		1/1/1900 0:00	10		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
292			100							
293			100							
294			100							
295			100							
296			100							
297			100							
298			100							
299			100							
300			336	328						
301			262							
302			262							
303			262							
304			100							
305			340							
306			100							
307			100							
308			100							
309			100							
310			100							
311			100							
312			100							
313			100							
314			100							
315			100							
316			100							
317			100							
318			100							
319			340							
320			288							
321			254							
322			254							
323			100							
324			340							
325			100							
326			100							
327			100							
328			100							
329			100							
330			244							
331			244							
332			244							
333			244							

	A	B	C	D
334	MI0001995	EAST LANSING MERIDIAN WATER AUTHORITY	16986	1008
335	MI0001995	EAST LANSING MERIDIAN WATER AUTHORITY	16986	1009
336	MI0001995	EAST LANSING MERIDIAN WATER AUTHORITY	16986	1011
337	MI0001995	EAST LANSING MERIDIAN WATER AUTHORITY	16986	1012
338	MI0001995	EAST LANSING MERIDIAN WATER AUTHORITY	16986	1013
339	MI0001995	EAST LANSING MERIDIAN WATER AUTHORITY	16986	2000
340	MI0001995	EAST LANSING MERIDIAN WATER AUTHORITY	16986	2001
341	MI0001995	EAST LANSING MERIDIAN WATER AUTHORITY	16986	2002
342	MI0002020	EATON RAPIDS, CITY OF	220610	1000
343	MI0002020	EATON RAPIDS, CITY OF	220610	1002
344	MI0002020	EATON RAPIDS, CITY OF	220610	1003
345	MI0002020	EATON RAPIDS, CITY OF	220610	1004
346	MI0002020	EATON RAPIDS, CITY OF	220610	1005
347	MI0002020	EATON RAPIDS, CITY OF	220610	1006
348	MI0002020	EATON RAPIDS, CITY OF	220610	1007
349	MI0002020	EATON RAPIDS, CITY OF	220610	1008
350	MI0002020	EATON RAPIDS, CITY OF	220610	1009
351	MI0002020	EATON RAPIDS, CITY OF	220610	1010
352	MI0002020	EATON RAPIDS, CITY OF	220610	1011
353	MI0002020	EATON RAPIDS, CITY OF	220610	1015
354	MI0002020	EATON RAPIDS, CITY OF	220610	1016
355	MI0002020	EATON RAPIDS, CITY OF	220610	1017
356	MI0002020	EATON RAPIDS, CITY OF	220610	2000
357	MI0002020	EATON RAPIDS, CITY OF	220610	2001
358	MI0002020	EATON RAPIDS, CITY OF	220610	2002
359	MI0002020	EATON RAPIDS, CITY OF	220610	2003
360	MI0002020	EATON RAPIDS, CITY OF	220610	2004
361	MI0002020	EATON RAPIDS, CITY OF	220610	3000
362	MI0002020	EATON RAPIDS, CITY OF	220610	3001
363	MI0002020	EATON RAPIDS, CITY OF	220610	3002
364	MI0002020	EATON RAPIDS, CITY OF	220610	3003
365	MI0002020	EATON RAPIDS, CITY OF	220610	3004
366	MI0002020	EATON RAPIDS, CITY OF	220610	3005
367	MI0002020	EATON RAPIDS, CITY OF	220610	3006
368	MI0002020	EATON RAPIDS, CITY OF	220610	3007
369	MI0002170	ESCANABA	422400	1001
370	MI0002170	ESCANABA	422400	1002
371	MI0002170	ESCANABA	422400	1005
372	MI0002170	ESCANABA	422400	1006
373	MI0002170	ESCANABA	422400	2000
374	MI0002170	ESCANABA	422400	2001
375	MI0002170	ESCANABA	422400	2002

	E	F	G	H	I	J	K	L	M	N	O	P
334	REHABILITATION OF WELL NOS. 6, 17, 19, 20, 22, 24	R2								A1		
335	REHABILITATION OF WELL NO. 23 AT 550 GPM	R2								A1		
336	REHABILITATION OF WELL NOS. 7, 8, 10, AND 12 AT 60	R2								A1		
337	REHABILITATION OF WELL NOS. 11 & 18 AT 900 GPM EAC	R2								A1		
338	REPLACEMENT OF WTPS AUXILIARY POWER GENERATOR	T99	W4							A1		
339	10% 42-INCH CONCRETE PIPE	X2								A1		
340	10% OF 24-INCH DI PIPE	X2								A2		
341	10% OF 24-INCH DI PIPE	X2								A2		
342	WTP REHAB	T20								A1		
343	REPLACE WELL # 1	R2								A1		
344	REPLACE WELL # 2	R2								A1		
345	REPLACE WELL #S 3 & 4	R2								A1		
346	REHAB WELL # 5	R2								A1		
347	REHAB WELL # 7	R2								A1		
348	REHAB WELL # 8	R2								A1		
349	REHAB OF 0.25 MGD STORAGE TANK	S1								A1		
350	REHAB OF 0.75 MGD STORAGE TANK	S1								A1		
351	ABANDON WELL 1 (#1002)	R5								A1		
352	ABANDON WELL 2 (#1003)	R5								A1		
353	REPLACE GAS GENERATOR	W4								A1		
354	REPLACE DIESEL GENERATOR	W4								A1		
355	REPLACE PROPANE ENGINE	W4								A1		
356	REPLACE UNDER-SIZED (4-6 INCH) WMS AT WATER STREET	M1								A4	A1	
357	CUMBERLAND STREET WM REPLACEMENT	M1								A1		
358	REPLACE 4-INCH WMS AT HAVE/GROVE STREET	M1								A1	A4	
359	MILLER ROAD WM LOOP	M1								A4	A7	
360	REPLACE 10% OF PIPE INVENTORY - 4-INCH CAST IRON	M1								A1	A4	
361	WATER METER REPLACEMENT	M8								A1		
362	WATER METER REPLACEMENT	M8								A1		
363	WATER METER REPLACEMENT	M8								A1		
364	WATER METER REPLACEMENT	M8								A1		
365	REPLACEMENT OF HYDRANTS	M4								A1		
366	REPLACEMENT OF VALVES	M5								A1		
367	REPLACEMENT OF VALVES	M5								A1		
368	REPLACEMENT OF VALVES	M5								A1		
369	WTP REHABILITATION	T10								A1	A6	
370	NORTH WATER TOWER RECOATING AND REPAINTING	S1								A1		
371	SOUTH WATER TOWER PAINTING & REPAIRS	S1								A1		
372	ADDITIONAL SOURCE WATER INTAKE	R7								A1	A6	
373	REPLACEMENT OF LESS THAN OR EQUAL TO 4 - INCH MAIN	M1								A1		
374	REPLACEMENT OF LESS THAN OR EQUAL TO 4 - INCH EXIS	M1								A1		
375	INSTALL DISTRIBUTION LOOPS	M1								A9	A11	A4

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
334			R	C	4A					0.72			7		1/1/1900 0:00	10		
335			R	C	4A					0.8			1		1/1/1900 0:00	10		
336			R	C	4A					0.864			4		1/1/1900 0:00	10		
337			R	C	4A					1.3			2		1/1/1900 0:00	10		
338			R	F						500			1		1/1/1900 0:00	10		
339			R	F	4A						42	176			1/1/1900 0:00	10		
340			R	F	4A						24	475			1/1/1900 0:00	10		
341			R	F	4A						20	1015			1/1/1900 0:00	10		
342			H	F	4A					2.5			1		1/1/1900 0:00	11	2	
343			R	F	4A					1.44			1		1/1/1900 0:00	10		
344			R	F	4A					0.5			1		1/1/1900 0:00	10		
345			R	F	4A					0.33			2		1/1/1900 0:00	10		
346			H	F	4A					0.432			1		1/1/1900 0:00	10		
347			H	F	4A					1			1		1/1/1900 0:00	10		
348			H	F	4A					0.54			1		1/1/1900 0:00	10		
349			H	F	4A					0.25			1		1/1/1900 0:00	10		
350			H	F	4A					0.75			1		1/1/1900 0:00	10		
351																		
352																		
353			R	F						280			1		1/1/1900 0:00	10		
354			R	F						50			1		1/1/1900 0:00	10		
355			R	F									1		1/1/1900 0:00	10		
356			R	C	4A						12	3000		345000	3/1/2010 0:00	2		
357			R	C	4A						8	2000		220000	3/1/2010 0:00	2		
358			R	C	4A						8	1000		115000	3/1/2010 0:00	2		
359			R	C	4A						12	2500		40000	3/1/2010 0:00	2		
360			R	C							8	13561			1/1/1900 0:00	2	10	
361			R	C	2D						0.625		2475		1/1/1900 0:00	10		
362			R	C	2D						0.75		500		1/1/1900 0:00	10		
363			R	C	2D						2		50		1/1/1900 0:00	10		
364			R	C	2D						4		15		1/1/1900 0:00	10		
365																		
366																		
367																		
368																		
369			H	F	1A					8			1		1/1/1900 0:00	10		
370			H	F	4A					0.5			1		1/1/1900 0:00	10		
371			H	F	4A					0.5			1	425000	4/1/2010 0:00	4	20	11
372			R	C	2B					8			1	3000000	4/1/2010 0:00	20	11	4
373			R	C	4A						8	55950		4755750	5/1/2004 0:00	20		
374			R	C	4A						8	42275		3593375	5/1/2004 0:00	20		
375			N	F							8	6300		535500	5/1/2004 0:00	20		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
334			244							
335			244							
336			244							
337			244							
338			100							
339			100							
340			100							
341			100							
342			308	328	324					
343			244							
344			340	244						
345			244	340						
346			100							
347			100							
348			340							
349			100							
350			100							
351			216							
352			216							
353			100							
354			100							
355			300							
356			100							
357			100							
358			100							
359			100							
360			100							
361			100							
362			100							
363			100							
364			100							
365			264	216						
366			216	264						
367			264	216						
368			264	216						
369			100							
370			100							
371			324							
372			324							
373			324							
374			324							
375			324							

	A	B	C	D
376	MI0002170	ESCANABA	422400	2003
377	MI0002170	ESCANABA	422400	2004
378	MI0002170	ESCANABA	422400	2005
379	MI0002170	ESCANABA	422400	2006
380	MI0002170	ESCANABA	422400	3000
381	MI0002300	FLAT ROCK	275200	2000
382	MI0002300	FLAT ROCK	275200	2001
383	MI0002300	FLAT ROCK	275200	3000
384	MI0002300	FLAT ROCK	275200	3001
385	MI0002310	FLINT, CITY OF	2927860	1000
386	MI0002310	FLINT, CITY OF	2927860	1001
387	MI0002310	FLINT, CITY OF	2927860	1002
388	MI0002310	FLINT, CITY OF	2927860	1003
389	MI0002310	FLINT, CITY OF	2927860	1004
390	MI0002310	FLINT, CITY OF	2927860	1005
391	MI0002310	FLINT, CITY OF	2927860	1006
392	MI0002310	FLINT, CITY OF	2927860	1007
393	MI0002310	FLINT, CITY OF	2927860	1008
394	MI0002310	FLINT, CITY OF	2927860	1009
395	MI0002310	FLINT, CITY OF	2927860	1010
396	MI0002310	FLINT, CITY OF	2927860	1011
397	MI0002310	FLINT, CITY OF	2927860	2000
398	MI0002310	FLINT, CITY OF	2927860	2001
399	MI0002310	FLINT, CITY OF	2927860	2002
400	MI0002310	FLINT, CITY OF	2927860	2003
401	MI0002310	FLINT, CITY OF	2927860	2004
402	MI0002310	FLINT, CITY OF	2927860	2005
403	MI0002310	FLINT, CITY OF	2927860	2006
404	MI0002310	FLINT, CITY OF	2927860	2007
405	MI0002310	FLINT, CITY OF	2927860	2008
406	MI0002310	FLINT, CITY OF	2927860	2009
407	MI0002310	FLINT, CITY OF	2927860	2010
408	MI0002310	FLINT, CITY OF	2927860	2011
409	MI0002310	FLINT, CITY OF	2927860	2012
410	MI0002310	FLINT, CITY OF	2927860	2013
411	MI0002310	FLINT, CITY OF	2927860	2014
412	MI0002310	FLINT, CITY OF	2927860	3000
413	MI0002310	FLINT, CITY OF	2927860	3001
414	MI0002310	FLINT, CITY OF	2927860	3002
415	MI0002310	FLINT, CITY OF	2927860	3003
416	MI0002310	FLINT, CITY OF	2927860	3004
417	MI0002310	FLINT, CITY OF	2927860	3005

	E	F	G	H	I	J	K	L	M	N	O	P
376	REPLACEMENT OF CI TRANSMISSION MAINS	X2								A1		
377	INSTALL DISTRIBUTION LOOPS	M1								A1		
378	INSTALL DISTRIBUTION LOOPS	M1								A1		
379	REPLACEMENT OF CI TRANSMISSION MAINS	X2								A1		
380	REPLACE EXISTING WATER METERS	M8								A1		
381	REPLACE AGED SAND 6-INCH CAST IRON WATER MAIN THRO	M1								A1		
382	REPLACE AGED 8-INCH CAST IRON WATER MAIN THROUGH O	M1								A1		
383	REPLACE METERS	M8								A1		
384	REPLACE LEAD SERVICES	M2								A6		
385	TREATMENT PLANT PROCESS SCADA	W2								A1		
386	WTP EXP	T10								A1		
387	PS3 PUMP #1 REPLACE	M99	P1							A4	A1	
388	PS3 PUMP #2 REPLACE	P1	M99							A4	A1	
389	PS3 PUMP #3 REPLACE	P1	M99							A4	A1	
390	PS3 STAND-BY POWER	W4	M99							A11		
391	PS5 STAND-BY POWER	W4	M99							A11		
392	REPLACE SWITCHGEAR @ PS3	P2								A1		
393	REHAB TORREY RD BOOSTER STA.	P2								A1		
394	CEDAR ST. RESERVOIR REHAB	S2								A1		
395	WEST-SIDE RESERVOIR REHAB	S2								A1		
396	PUMP STATION 5 RE-HAB	P2								A1		
397	UPGRADE 3-FOOT & 4-INCH MAINS WITH 8-INCH	M1								A1		
398	REPLACE CRITICAL 6-INCH MAINS WITH 8-INCH	M1								A1		
399	LOOP EXSISTING 6-INCH MAINS WITH 8-INCH	M1								A1		
400	LOOP EXSISTING 12-INCH MAINS	M1								A1		
401	REPLACE EXISTING 6-INCH MAIONS WITH 8-INCH	M1								A1		
402	REPLACE 8-INCH MAINS	M1								A1		
403	REPLACE 10-INCH & 12-INCH MAINS WITH 12-INCH	M1								A1		
404	REPLACE 14-INCH AND 16-INCH MAINS WITH 16-INCH	M1								A1		
405	REPLACE 18-INCH MAINS	M1								A1		
406	REPLACE 24-INCH MAINS	X2								A1		
407	REPLACE 30-INCH MAINS	X2								A1		
408	REPLACE 36-INCH MAINS	X2								A1		
409	LOOP EXSISTING 8-INCH MAINS	M1								A1		
410	REPLACE 42-INCH MAINS	X2								A1		
411	REPLACE 72-INCH MAINS	X2								A1		
412	REPLACE RESIDENTIAL METERS	M8								A1		
413	REPLACE RESIDENTIAL METERS	M8								A1		
414	REPLACE RESIDENTIAL METERS	M8								A1		
415	REPLACE RESIDENTIAL METERS	M8								A1		
416	REPLACE COMMERCIAL METERS	M8								A1		
417	REPLACE COMMERCIAL METERS	M8								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
376			R	C	4A						10	150		13500	5/1/2004 0:00	20		
377			N	C							12	35900		3231000	5/1/2004 0:00	20		
378			N	C							16	9700		921500	5/1/2004 0:00	20		
379			R	C	4A						12	4700		423000	5/1/2004 0:00	20		
380			R	F	4A						0.625		4822		1/1/1900 0:00	20		
381			R	C	4A						8	52850			1/1/1900 0:00	1	10	
382			R	C	4A						8	14350			1/1/1900 0:00	1	10	
383			N	F							1		3025		1/1/1900 0:00	10	6	
384			R	C	1D						0.75		200		1/1/1900 0:00	10	6	
385			R	F	4A									978000	9/1/2011 0:00	2	10	
386			E	F	4A									40258000	9/1/2011 0:00	2	10	
387			R	F	4A					8			1		1/1/1900 0:00	20		
388			R	F	4A					12			1		1/1/1900 0:00	20		
389			R	F	4A					16			1		1/1/1900 0:00	20		
390																		
391																		
392																		
393			H	C	4A								1	241000	7/1/2011 0:00	3	10	2
394			H	F	4A					20			1		1/1/1900 0:00	20		
395			H	F	4A					12			1		1/1/1900 0:00	20		
396			H	F	4A					24			1		1/1/1900 0:00	20		
397			R	C	4A									12000000	2/1/2007 0:00	20		
398			R	C	4A									1000000	2/1/2007 0:00	20		
399																		
400																		
401			R	C	4A						8	91000			1/1/1900 0:00	20		
402			R	C	4A						8	45500			1/1/1900 0:00	20		
403			R	F	4A						12	15600			1/1/1900 0:00	20		
404			R	F	4A						16	10400			1/1/1900 0:00	20		
405			R	F	4A						18	4160			1/1/1900 0:00	2	1	20
406			R	C							24	7800			1/1/1900 0:00	20		
407			R	C							30	1040			1/1/1900 0:00	20		
408			R	C	4A						36	715			1/1/1900 0:00	20		
409																		
410			R	F	4A						42	95			1/1/1900 0:00	20		
411			R	C	4A						72	3744			1/1/1900 0:00	20		
412			R	C	4A						0.625		32931		1/1/1900 0:00	10		
413			R	C	4A						1		471		1/1/1900 0:00	10		
414			R	C	4A						1.5		393		1/1/1900 0:00	10		
415			R	C	4A						2		20		1/1/1900 0:00	10		
416			R	F	4A						0.625		439		1/1/1900 0:00	10		
417			R	F	4A						1		281		1/1/1900 0:00	10		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
376			324							
377			324							
378			324							
379			324							
380			324							
381			340							
382			100							
383			100							
384			100							
385			336	328						
386			348	252	336					
387			100							
388			100							
389			100							
390			216							
391			216							
392			262							
393			338	324						
394			100							
395			100							
396			100							
397			100							
398			100							
399			216							
400			216							
401			328							
402			328							
403			328							
404			328							
405			340							
406			340							
407			340							
408			100							
409			216							
410			100							
411			100							
412			324							
413			324							
414			324							
415			324							
416			324							
417			324							

	A	B	C	D
418	MI0002310	FLINT, CITY OF	2927860	3006
419	MI0002310	FLINT, CITY OF	2927860	3007
420	MI0002310	FLINT, CITY OF	2927860	3008
421	MI0002310	FLINT, CITY OF	2927860	3009
422	MI0002310	FLINT, CITY OF	2927860	3010
423	MI0002310	FLINT, CITY OF	2927860	3011
424	MI0002310	FLINT, CITY OF	2927860	3012
425	MI0002310	FLINT, CITY OF	2927860	3013
426	MI0002310	FLINT, CITY OF	2927860	3014
427	MI0002310	FLINT, CITY OF	2927860	3015
428	MI0002310	FLINT, CITY OF	2927860	3017
429	MI0002310	FLINT, CITY OF	2927860	3018
430	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	1000
431	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	1001
432	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	1002
433	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	2000
434	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	2001
435	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	2002
436	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	2003
437	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	2004
438	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	2005
439	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	2006
440	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	2007
441	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	2008
442	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	2009
443	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	2010
444	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	2011
445	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	2012
446	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	2013
447	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	2014
448	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	2015
449	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	2016
450	MI0002385	CHARTER TOWNSHIP OF FORT GRATIOT	371818	3000
451	MI0002420	FRANKENMUTH, CITY OF	219921	1000
452	MI0002420	FRANKENMUTH, CITY OF	219921	1001
453	MI0002420	FRANKENMUTH, CITY OF	219921	2000
454	MI0002420	FRANKENMUTH, CITY OF	219921	2001
455	MI0002420	FRANKENMUTH, CITY OF	219921	3000
456	MI0002420	FRANKENMUTH, CITY OF	219921	3001
457	MI0002420	FRANKENMUTH, CITY OF	219921	3002
458	MI0002420	FRANKENMUTH, CITY OF	219921	3003
459	MI0002420	FRANKENMUTH, CITY OF	219921	3004

	E	F	G	H	I	J	K	L	M	N	O	P
418	REPLACE COMMERCIAL METERS	M8								A1		
419	REPLACE COMMERCIAL METERS	M8								A1		
420	REPLACE COMMERCIAL METERS	M8								A1		
421	REPLACE COMMERCIAL METERS	M8								A1		
422	REPLACE COMMERCIAL METERS	M8								A1		
423	REPLACE COMMERCIAL METERS	M8								A1		
424	REPLACE COMMERCIAL METERS	M8								A1		
425	REPLACE COMMERCIAL METERS	M8								A1		
426	REPLACE COMMERCIAL METERS	M8								A1		
427	LEAD SERVICE REPLACEMENT	M2								A6	A1	
428	OTHER SERVICE LINE REPLACEMENT	M2								A1		
429	REPLACE SERVICE LINES > 1-INCH	M2								A1		
430	REHAB. EXISTING ELEVATED STORAGE TANK	S1								A1		
431	TANK INSTRUMENTATION & CONTROL	W3	M99							A1		
432	STANDBY GENERATOR-FOR INSTRUMENTATION & CONTROL	W4	M99							A1		
433	24TH AVE. WM REPLACEMENT	M1								A1		
434	DEAD END ELIMINATION CONNIE LN	M1								A11		
435	DEAD END ELIMINATION FAIRWAY LN & WHITNEY	M1								A11		
436	DEAD END ELIMINATION FAIRWAY DR & WILLIAM	M1								A11		
437	DEAD END ELIMINATION FORMAN DR	M1								A11		
438	DEAD END ELIMINATION PARKER RD	M1								A11		
439	DEAD END ELIMINATION STATE RD.	M1								A11		
440	PRIVATE WATERMAIN REPLACEMENT S. OF MACIVER DR	M1								A4		
441	PRIVATE WATERMAIN REPLACEMENT STREETER DR	M1								A4		
442	PRIVATE WATERMAIN REPLACEMENT LAKEVIEW DR	M1								A4		
443	PRIVATE WATERMAIN REPLACEMENT REALTO & HUDSON	M1								A4		
444	PRIVATE WATERMAIN REPLACEMENT COURTNEY DR	M1								A4		
445	PRIVATE WATERMAIN REPLACEMENT A ST, B ST & C ST	M1								A4		
446	PRIVATE WATERMAIN REPLACEMENT DESMOND BEACH	M1								A4		
447	WATERMAIN REPLACEMENT, MISC., ROUTINE	M1								A1		
448	WATERMAIN REPLACEMENT, MISC., ROUTINE	M1								A1		
449	WATERMAIN REPLACEMENT, MISC., ROUTINE	M1								A1		
450	METER REPLACEMENT, MISC., ROUTINE	M8								A1		
451	NORTH WATER TOWER	S1								A1		
452	SOUTH WATER TOWER	S1								A1		
453	JUNCTION RD. TRANSMISSION MAIN	X2								A1		
454	WATER MAIN REPLACEMENTS	M1								A1		
455	REPLACE METERS	M8								A1		
456	REPLACE METERS	M8								A1		
457	REPLACE METERS	M8								A1		
458	REPLACE METERS	M8								A1		
459	REPLACE METERS	M8								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
418			R	F	4A						1.5		350		1/1/1900 0:00	10		
419			R	F	4A						2		368		1/1/1900 0:00	10		
420			R	F	4A						3		107		1/1/1900 0:00	10		
421			R	F	4A						4		71		1/1/1900 0:00	10		
422			R	F	4A						6		47		1/1/1900 0:00	10		
423			R	F	4A						8		3		1/1/1900 0:00	10		
424			R	F	4A						10		6		1/1/1900 0:00	10		
425			R	F	4A						16		1		1/1/1900 0:00	10		
426			R	F	4A						24		1		1/1/1900 0:00	10		
427			R	C	1D						1		18000		1/1/1900 0:00	10		
428			R	F	4A						1		3238		1/1/1900 0:00	10		
429			R	F	4A								275		1/1/1900 0:00	10		
430			H	F	4A					0.2			1		1/1/1900 0:00	1		
431			R	F	4A								1		1/1/1900 0:00	1		
432			R	F	4A					15			1		1/1/1900 0:00	1		
433			R	C	4A						16	2700			1/1/1900 0:00	1		
434																		
435																		
436																		
437																		
438																		
439																		
440			R	C	4A						8	1470			1/1/1900 0:00	1		
441			R	C	4A						8	2000			1/1/1900 0:00	1		
442			R	C	4A						8	895			1/1/1900 0:00	1		
443			R	C	4A						8	525			1/1/1900 0:00	1		
444			R	C	4A						8	415			1/1/1900 0:00	1		
445			R	C	4A						8	970			1/1/1900 0:00	1		
446			R	C	4A						8	240			1/1/1900 0:00	1		
447			R	C	4A						6	5920			1/1/1900 0:00	10	1	
448			R	C	4A						8	9270			1/1/1900 0:00	10	1	
449			R	C	4A						10	8377			1/1/1900 0:00	1	10	
450			R	F	4A						0.625		4969		1/1/1900 0:00	10		
451			H	F	4A					0.4			1		1/1/1900 0:00	11	10	
452			H	F	4A					0.3			1		1/1/1900 0:00	10	11	
453			R	C	4A						20	15430		3600000	10/1/2008 0:00	10	4	
454			R	F	4A						8	6562			1/1/1900 0:00	11	10	
455			R	F	4A						0.625		2017		1/1/1900 0:00	11	10	
456			R	F	4A						0.75		29		1/1/1900 0:00	10	11	
457			R	F	4A						1		151		1/1/1900 0:00	11	10	
458			R	F	4A						1.5		68		1/1/1900 0:00	11	10	
459			R	F	4A						2		29		1/1/1900 0:00	11	10	

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
418			324							
419			324							
420			324							
421			324							
422			324							
423			324							
424			324							
425			324							
426			324							
427			334	332	324					
428			324	218						
429			218	324	328					
430			100							
431			326							
432			328							
433			100							
434			224							
435			224							
436			224							
437			224							
438			224							
439			224							
440			100							
441			100							
442			100							
443			100							
444			100							
445			100							
446			100							
447			100							
448			100							
449			100							
450			344							
451			100							
452			100							
453			100							
454			100							
455			340							
456			100							
457			100							
458			100							
459			100							

	A	B	C	D
460	MI0002420	FRANKENMUTH, CITY OF	219921	3005
461	MI0002420	FRANKENMUTH, CITY OF	219921	3006
462	MI0002420	FRANKENMUTH, CITY OF	219921	3007
463	MI0002420	FRANKENMUTH, CITY OF	219921	3008
464	MI0002420	FRANKENMUTH, CITY OF	219921	3009
465	MI0002420	FRANKENMUTH, CITY OF	219921	3010
466	MI0002420	FRANKENMUTH, CITY OF	219921	3011
467	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1000
468	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1001
469	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1002
470	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1003
471	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1004
472	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1005
473	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1006
474	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1007
475	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1008
476	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1009
477	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1010
478	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1011
479	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1012
480	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1013
481	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1014
482	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1015
483	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1016
484	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1017
485	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1018
486	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1019
487	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	1020
488	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	2000
489	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	2002
490	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	2004
491	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	2005
492	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	2006
493	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	2007
494	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	2008
495	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	2009
496	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	2010
497	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	2012
498	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3000
499	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3001
500	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3002
501	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3003

	E	F	G	H	I	J	K	L	M	N	O	P
460	REPLACE METERS	M8								A1		
461	REPLACE METERS	M8								A1		
462	REPLACE BACKFLOW DEVICES	M7								A1		
463	REPLACE BACKFLOW DEVICES	M7								A1		
464	REPLACE BACKFLOW DEVICES	M7								A1		
465	REPLACE BACKFLOW DEVICES	M7								A1		
466	REPLACE BACKFLOW DEVICES	M7								A1		
467	VIENNA ELEVATED TANK	S1								A3		
468	SOUTHWEST LOOP P.S.	P2								A3		
469	WEST LOOP P.S.	P2								A3		
470	CNETER ROAD NORTH P.S.	P2								A1		
471	HOURAN STREET P.S.	P2								A1		
472	BEECHER ROAD ELEVATED TANK	S1								A1		
473	HOURAN RESERVOIR #1	S2								A1		
474	HOURAN RESERVOIR #2	S2								A1		
475	NOBLE STREET STANDPIPE	S2								A1		
476	NOBLE STREET P.S.	P2								A1		
477	WTP	R7	T10	X1	S2					A7		
478	CENTER ROAD NORTH G.S. TANK	S2								A1		
479	CLIO ROAD ELEVATED TANK	S1								A1		
480	MCKINLEY RD. ELEVATED TANK	S1								A1		
481	CENTER ROAD SOUTH G.S. TANK	S2								A1		
482	VASSAR ROAD G.S. TANK	S2								A1		
483	HENDERSON ROAD G.S. TANKS	S2								A1		
484	HOURAN STREET ELEVATED TANK	S1								A1		
485	HENDERSON ROAD P.S.	P2								A1		
486	VASSAR ROAD P.S.	P2								A1		
487	CENTER ROAD SOUTH P.S.	P2								A1		
488	LINDEN RD WM PIERSON TO PASADENA	M1								A1		
489	DALTON SUBDIVISION WMS	M1								A1		
490	ELMS RD WM - BEECHER TO ELEVATED	X2								A4		
491	ELMS RD WM - BEECHER TO ELEVATED	X2								A4		
492	COLDWATER RD TRANSMISSION MAIN	X2								A4		
493	COLDWATER RD TRANSMISSION MAIN	X2								A4		
494	NORTHWEST & BIRCH RUN BRANCH	X2								A4		
495	NORTHWEST & BIRCH RUN BRANCH	X2								A4		
496	NORTHWEST & BIRCH RUN BRANCH	X2								A4		
497	MUNDY TOWNSHIP	X2								A4		
498	MCKINLEY & MT. MORRIS	M6								A1		
499	GENESEE & FRANCIS	M6								A1		
500	SAGINAW & FRANCIS	M6								A1		
501	MT. MORRIS WEST OF CLIO	M6								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
460			R	F	4A						3		19		1/1/1900 0:00	10	11	
461			R	F	4A						4		8		1/1/1900 0:00	11	10	
462			R	F	4A						0.75		1		1/1/1900 0:00	10	11	
463			R	F	4A						1		2		1/1/1900 0:00	11	10	
464			R	F	4A						1.5		2		1/1/1900 0:00	11	10	
465			R	F	4A						2		8		1/1/1900 0:00	11	10	
466			R	F	4A						3		1		1/1/1900 0:00	11	10	
467			N	F	4A					2			1		1/1/1900 0:00	20		
468			N	F	4A					1.5			1	250000	6/1/2005 0:00	20		
469			N	F	4A					1.5			1	250000	6/1/2005 0:00	20		
470			H	F	4A					6.7			1		1/1/1900 0:00	20		
471			H	F	4A					13			1		1/1/1900 0:00	10	20	
472			H	F	4A					1			1		1/1/1900 0:00	20		
473			H	F	4A					2			1		1/1/1900 0:00	20		
474			H	F	4A					2			1		1/1/1900 0:00	20		
475			H	F	4A					4			1		1/1/1900 0:00	20		
476			H	F	4A					2.4			1		1/1/1900 0:00	20		
477			N	F	2B								1	2.99E+08	9/1/2009 0:00	10	2	
478			H	F	4A					5			1		1/1/1900 0:00	10		
479			H	F	4A					1			1		1/1/1900 0:00	10		
480			H	F	4A					0.5			1		1/1/1900 0:00	10		
481			H	F	4A					6.3			1		1/1/1900 0:00	10		
482			H	F	4A					1			1		1/1/1900 0:00	10		
483			H	F	4A					10			2		1/1/1900 0:00	10		
484			H	F	4A					2			1		1/1/1900 0:00	10		
485			H	F	4A					30			1		1/1/1900 0:00	10		
486			H	F	4A					3.5			1		1/1/1900 0:00	10		
487			H	F	4A					18			1		1/1/1900 0:00	10		
488			R	C	4A						12	5500			1/1/1900 0:00	20		
489			R	C	4A						8	8500			1/1/1900 0:00	20		
490			N	F	4A						30	13500			1/1/1900 0:00	20		
491			N	F	4A						24	4000			1/1/1900 0:00	20		
492			N	F	4A						20	7200			1/1/1900 0:00	20		
493			N	F	4A						30	58000			1/1/1900 0:00	20		
494			N	F	4A						24	21600			1/1/1900 0:00	20		
495			N	F	4A						20	58000			1/1/1900 0:00	20		
496			N	F	4A						12	16000			1/1/1900 0:00	20		
497			N	F	4A						24	5600			1/1/1900 0:00	20		
498			R	F	4A						12		1		1/1/1900 0:00	20		
499			R	F	4A						12		1		1/1/1900 0:00	20		
500			R	F	4A						12		1		1/1/1900 0:00	20		
501			R	F	4A						12		1		1/1/1900 0:00	20		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
460			100							
461			100							
462			100							
463			340							
464			100							
465			100							
466			100							
467			308							
468			100							
469			100							
470			340							
471			100							
472			100							
473			100							
474			100							
475			100							
476			100							
477			336	326	182					
478			100							
479			100							
480			100							
481			100							
482			100							
483			100							
484			100							
485			100							
486			100							
487			100							
488			100							
489			100							
490			308							
491			308							
492			308							
493			308							
494			308							
495			308							
496			308							
497			308							
498			100							
499			100							
500			100							
501			100							

	A	B	C	D
502	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3004
503	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3005
504	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3006
505	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3007
506	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3008
507	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3009
508	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3010
509	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3011
510	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3012
511	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3013
512	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3014
513	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3015
514	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3016
515	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3017
516	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3018
517	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3019
518	MI0002615	GENESEE COUNTY WATER SYSTEM	1759824	3020
519	MI0002770	GRAND LEDGE, CITY OF	248785	1000
520	MI0002770	GRAND LEDGE, CITY OF	248785	1001
521	MI0002770	GRAND LEDGE, CITY OF	248785	1002
522	MI0002770	GRAND LEDGE, CITY OF	248785	1003
523	MI0002770	GRAND LEDGE, CITY OF	248785	1004
524	MI0002770	GRAND LEDGE, CITY OF	248785	1005
525	MI0002770	GRAND LEDGE, CITY OF	248785	1006
526	MI0002770	GRAND LEDGE, CITY OF	248785	1007
527	MI0002770	GRAND LEDGE, CITY OF	248785	1008
528	MI0002770	GRAND LEDGE, CITY OF	248785	1009
529	MI0002770	GRAND LEDGE, CITY OF	248785	1010
530	MI0002770	GRAND LEDGE, CITY OF	248785	1012
531	MI0002770	GRAND LEDGE, CITY OF	248785	1013
532	MI0002770	GRAND LEDGE, CITY OF	248785	2000
533	MI0002770	GRAND LEDGE, CITY OF	248785	2001
534	MI0002770	GRAND LEDGE, CITY OF	248785	2002
535	MI0002770	GRAND LEDGE, CITY OF	248785	2003
536	MI0002770	GRAND LEDGE, CITY OF	248785	2004
537	MI0002770	GRAND LEDGE, CITY OF	248785	2005
538	MI0002770	GRAND LEDGE, CITY OF	248785	2006
539	MI0002770	GRAND LEDGE, CITY OF	248785	3000
540	MI0002770	GRAND LEDGE, CITY OF	248785	3001
541	MI0002770	GRAND LEDGE, CITY OF	248785	3002
542	MI0002770	GRAND LEDGE, CITY OF	248785	3003
543	MI0002770	GRAND LEDGE, CITY OF	248785	3004

	E	F	G	H	I	J	K	L	M	N	O	P
502	VALVE REPLACEMENT PROGRAM	M5								A1		
503	VALVE REPLACEMENT PROGRAM	M5								A1		
504	VALVE REPLACEMENT PROGRAM	M5								A1		
505	VALVE REPLACEMENT PROGRAM	M5								A1		
506	VALVE REPLACEMENT PROGRAM	M5								A1		
507	VALVE REPLACEMENT PROGRAM	M5								A1		
508	VALVE REPLACEMENT PROGRAM	M5								A1		
509	VALVE REPLACEMENT PROGRAM	M5								A1		
510	VALVE REPLACEMENT PROGRAM	M5								A1		
511	HYDRANT REPLACEMENT	M4								A1		
512	METER REPLACEMENT	M8								A1		
513	METER REPLACEMENT	M8								A1		
514	METER REPLACEMENT	M8								A1		
515	METER REPLACEMENT	M8								A1		
516	METER REPLACEMENT	M8								A1		
517	METER REPLACEMENT	M8								A1		
518	METER REPLACEMENT	M8								A1		
519	REPLACEMENT OF WELL NO. 2	R2								A1		
520	REHAB OF WELL NO. 6	R2								A1		
521	REHABILITATION OF WELL NO. 7	R2								A1		
522	REHABILITATION OF IRON REMOVAL TREATMENT PLANT	T20								A1		
523	STANDBY POWER GENERATOR FOR WELL NO. 7 - WTP	R99	T99	W4						A1		
524	STANDBY POWER GENERATOR FOR WELL NO. 8	W4	R99							A1		
525	REHABILITATION OF W. SAGINAW ELEVATED STORAGE TANK	S1								A1		
526	REHABILITATION OF INDUSTRIAL PARK STORAGE TANK	S2								A1		
527	REHAB IND. PARK BOOSTER STATION	P2								A1		
528	REPLACE AUX. POWER AT IND PARK BOOSTER STA	M99	W4							A1		
529	REHAB WEST POINT STREET TANK	S1								A1		
530	TREATMENT @ WELL #2	T22								A1		
531	REHAB WELL NO 8	R2								A1		
532	MORLEY & BOUCK WM REPLACEMENT	M1								A1		
533	KENNEDY, SEMINARY & SCHOOLCRAFT WM REPLACEMENT	M1								A1		
534	TULIP STREET	M1								A1		
535	SOUTH CLINTON STREET WM REPLACEMENT	M1								A1		
536	WEST SIDE WATER SYSTEM IMPROVEMENT - 12-INCH WM LO	M1								A4		
537	WEST SIDE WATER SYSTEM IMPROVEMENT	M1								A4		
538	REPLACE REMAINING 10% WATER MAINS	M1								A1		
539	1-INCH WATER METER REPLACEMENT	M8								A1		
540	2-INCH WATER METER REPLACEMENT	M8								A1		
541	WATER HYDRANTS REPLACEMENT	M4								A1		
542	6-INCH VALVE REPLACEMENT	M5								A1		
543	8-INCH VALVE REPLACEMENT	M5								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
502			R	F	4A						6		120		1/1/1900 0:00	20		
503			R	F	4A						8		120		1/1/1900 0:00	20		
504			R	F	4A						10		80		1/1/1900 0:00	20		
505			R	F	4A						12		40		1/1/1900 0:00	20		
506			R	F	4A						16		20		1/1/1900 0:00	20		
507			R	F	4A						18		5		1/1/1900 0:00	20		
508			R	F	4A						20		5		1/1/1900 0:00	20		
509			R	F	4A						24		5		1/1/1900 0:00	20		
510			R	F	4A						30		5		1/1/1900 0:00	20		
511			R	F	4A						6		600		1/1/1900 0:00	20		
512			R	C	4A						0.625		16010		1/1/1900 0:00	20		
513			R	C	4A						1		1159		1/1/1900 0:00	20		
514			R	C	4A						1.5		692		1/1/1900 0:00	20		
515			R	C	4A						2		461		1/1/1900 0:00	20		
516			R	C	4A						3		63		1/1/1900 0:00	20		
517			R	C	4A						4		52		1/1/1900 0:00	20		
518			R	C	4A						6		15		1/1/1900 0:00	20		
519			R	C	4A					0.58			1		1/1/1900 0:00	6	10	
520			R	C	4A					1			1		1/1/1900 0:00	6	10	
521			R	C	4A					0.72			1		1/1/1900 0:00	6	10	
522			H	C	4A					2.5			1		1/1/1900 0:00	10		
523			R	C	4A					156			1		1/1/1900 0:00	10	6	
524			R	C	4A					60			1		1/1/1900 0:00	6	10	
525			H	C	4A					0.5			1		1/1/1900 0:00	6	10	
526			H	C	4A					0.75			1		1/1/1900 0:00	10	6	
527			H	F	4A					4.3			1		1/1/1900 0:00	10	6	
528			R	F	4A					200			1		1/1/1900 0:00	10	6	
529			H	C	4A					0.1			1		1/1/1900 0:00	6	10	
530			H	F	4A					0.58			1		1/1/1900 0:00	10		
531			R	F	4A					0.58			1		1/1/1900 0:00	10	6	
532			R	C	4A						8	1440		240000	1/1/2003 0:00	4	10	
533			R	C	4A						8	1885		310000	1/1/2003 0:00	4	10	
534			R	C	4A						8	1130		235000	1/1/2003 0:00	10	4	
535			R	C	4A									310000	1/1/2003 0:00	10	4	
536			N	C	4A						12	2000		485000	1/1/2003 0:00	10	4	
537																		
538			R	C	4A						8	18009			1/1/1900 0:00	10		
539			R	C	4A						1		3079		1/1/1900 0:00	10		
540			R	C	4A						2		50		1/1/1900 0:00	10		
541																		
542																		
543																		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
502			100							
503			100							
504			100							
505			100							
506			100							
507			100							
508			100							
509			100							
510			100							
511			100							
512			100							
513			100							
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516			100							
517			100							
518			100							
519			324	244						
520			324	244						
521			324	244						
522			100							
523			100							
524			100							
525			100							
526			100							
527			100							
528			100							
529			100							
530			100							
531			324	244						
532			100							
533			100							
534			100							
535			336							
536			100							
537			118	200						
538			100							
539			100							
540			100							
541			216							
542			216							
543			216							

	A	B	C	D
544	MI0002770	GRAND LEDGE, CITY OF	248785	3005
545	MI0002790	GRAND RAPIDS	6391249	1000
546	MI0002790	GRAND RAPIDS	6391249	1001
547	MI0002790	GRAND RAPIDS	6391249	1002
548	MI0002790	GRAND RAPIDS	6391249	1003
549	MI0002790	GRAND RAPIDS	6391249	1004
550	MI0002790	GRAND RAPIDS	6391249	1005
551	MI0002790	GRAND RAPIDS	6391249	1006
552	MI0002790	GRAND RAPIDS	6391249	1007
553	MI0002790	GRAND RAPIDS	6391249	1008
554	MI0002790	GRAND RAPIDS	6391249	1009
555	MI0002790	GRAND RAPIDS	6391249	1010
556	MI0002790	GRAND RAPIDS	6391249	1011
557	MI0002790	GRAND RAPIDS	6391249	1012
558	MI0002790	GRAND RAPIDS	6391249	1013
559	MI0002790	GRAND RAPIDS	6391249	1014
560	MI0002790	GRAND RAPIDS	6391249	1015
561	MI0002790	GRAND RAPIDS	6391249	1016
562	MI0002790	GRAND RAPIDS	6391249	1017
563	MI0002790	GRAND RAPIDS	6391249	1018
564	MI0002790	GRAND RAPIDS	6391249	1019
565	MI0002790	GRAND RAPIDS	6391249	1020
566	MI0002790	GRAND RAPIDS	6391249	1021
567	MI0002790	GRAND RAPIDS	6391249	1022
568	MI0002790	GRAND RAPIDS	6391249	1023
569	MI0002790	GRAND RAPIDS	6391249	1025
570	MI0002790	GRAND RAPIDS	6391249	1026
571	MI0002790	GRAND RAPIDS	6391249	1027
572	MI0002790	GRAND RAPIDS	6391249	1028
573	MI0002790	GRAND RAPIDS	6391249	1029
574	MI0002790	GRAND RAPIDS	6391249	1030
575	MI0002790	GRAND RAPIDS	6391249	1031
576	MI0002790	GRAND RAPIDS	6391249	1032
577	MI0002790	GRAND RAPIDS	6391249	1033
578	MI0002790	GRAND RAPIDS	6391249	1034
579	MI0002790	GRAND RAPIDS	6391249	1035
580	MI0002790	GRAND RAPIDS	6391249	1036
581	MI0002790	GRAND RAPIDS	6391249	1037
582	MI0002790	GRAND RAPIDS	6391249	1038
583	MI0002790	GRAND RAPIDS	6391249	1039
584	MI0002790	GRAND RAPIDS	6391249	1040
585	MI0002790	GRAND RAPIDS	6391249	1041

	E	F	G	H	I	J	K	L	M	N	O	P
544	12-INCH VALVE REPLACEMENT	M5								A1		
545	WTP	T10								A1		
546	54-INCH INTAKE CRIBS AND PIPES	R7								A1		
547	66-INCH INTAKE CRIB	R7								A1		
548	GROUND STORAGE (FRANKLIN)	S2								A1		
549	GROUND STORAGE (ALGER)	S2								A1		
550	GROUND STORAGE (MONROE)	S2								A1		
551	GROUND STORAGE (DEAN LAKE)	S2								A1		
552	GROUND STORAGE (COVELL)	S2								A1		
553	GROUND STORAGE (LIVINGSTON)	S2								A1		
554	GROUND STORAGE (WILSON)	S2								A1		
555	GROUND STORAGE (BURTON)	S2								A1		
556	GROUND STORAGE (EAST PARIS)	S2								A1		
557	NORTH RESERVOIR @ WTP REHAB	S2								A1		
558	SOUTH RESERVOIR @ WTP REHAB	S2								A1		
559	INTERMEDIATE PRESSURE DISTRICT ELEVATED STORAGE TA	S1								A3		
560	NE ELEVATED STORAGE TANK	S1								A3		
561	SE ELEVATED STORAGE TANK (INCLUDE # 1082)	S1								A4		
562	4 MILE RD ELEVATED STORAGE TANK (WEST HIGH-HIGH)	S1								A3		
563	ELEVATED STORAGE (CAMBRIDGE)	S1								A1		
564	ELEVATED STORAGE (KNAPP)	S1								A1		
565	ELEVATED STORAGE (LEONARD)	S1								A1		
566	ELEVATED STORAGE (TULIP)	S1								A1		
567	EAST PARIS SERVICE CENTER IMPROVEMENTS	P2								A4		
568	DEAN LAKE SERVICE CENTER IMPROVEMENTS	P2								A4		
569	WILSON PUMP STATION	P2								A4		
570	COLDBROOK PUMP STATION REHAB	W10	M99							A1		
571	BOOSTER PUMP (COLDBROOK #1)	M99	P1							A1		
572	BOOSTER PUMP (COLDBROOK #2)	P1	M99							A1		
573	BOOSTER PUMP (COLDBROOK #3)	P1	M99							A1		
574	BOOSTER PUMP (COLDBROOK #4)	M99	P1							A1		
575	BOOSTER PUMP (COLDBROOK #5)	P1	M99							A1		
576	BOOSTER PUMP (COLDBROOK #6)	M99	P1							A1		
577	BOOSTER PUMP (BURTON #1)	P1	M99							A1		
578	BOOSTER PUMP (BURTON #2)	M99	P1							A1		
579	BOOSTER PUMP (BRISTOL #1)	P1	M99							A1		
580	BOOSTER PUMP (BRISTOL #2)	M99	P1							A1		
581	BOOSTER PUMP (BRISTOL #3)	P1	M99							A1		
582	BOOSTER PUMP (ALGER #1)	M99	P1							A1		
583	BOOSTER PUMP (ALGER #2)	P1	M99							A1		
584	BOOSTER PUMP (BOOSTER A #1)	P1	M99							A1		
585	BOOSTER PUMP (BOOSTER A #2)	M99	P1							A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
544																		
545			H	F	4A					135			1		1/1/1900 0:00	10	20	
546			H	F	4A					56			1		1/1/1900 0:00	20	10	
547			H	F	4A					111			1		1/1/1900 0:00	20	10	
548			H	F	4A					16			1		1/1/1900 0:00	10	1	20
549			H	F	4A					5			1		1/1/1900 0:00	10	1	20
550			H	F	4A					5			1		1/1/1900 0:00	1	20	10
551			H	F	4A					5			1		1/1/1900 0:00	1	20	10
552			H	F	4A					8			1		1/1/1900 0:00	10	20	1
553			H	F	4A					16			1		1/1/1900 0:00	10	20	1
554			H	F	4A					5			1		1/1/1900 0:00	1	20	10
555			H	F	4A					5			1		1/1/1900 0:00	20	1	10
556			H	F	4A					5			1		1/1/1900 0:00	10	1	20
557																		
558																		
559			N	F	4A					1.5			1	3820000	10/1/2010 0:00	1	10	20
560			N	F	4A					1.5			1	4490244	10/1/2010 0:00	10	20	1
561			N	C	4A					1.5			1	4503000	10/1/2010 0:00	10	1	20
562			N	F	4A					0.5			1	2055000	10/1/2010 0:00	1	20	10
563			H	F	4A					1.25			1		1/1/1900 0:00	1	10	20
564			H	F	4A					1.25			1		1/1/1900 0:00	20	1	10
565			H	F	4A					1			1		1/1/1900 0:00	10	1	20
566			H	F	4A					1.25			1		1/1/1900 0:00	10	20	1
567			R	F	4A					7.7			2	4071000	10/1/2010 0:00	1	20	
568			R	F	4A					5			2	1415000	10/1/2010 0:00	1	20	
569			R	F	4A					6			1	771000	10/1/2010 0:00	20	1	
570			H	F	4A								1	1418000	11/1/2006 0:00	10	20	
571			H	F	4A					15			1		1/1/1900 0:00	10	20	
572			H	F	4A					18.3			1		1/1/1900 0:00	10	20	
573			H	F	4A					25			1		1/1/1900 0:00	20	10	
574			H	F	4A					15			1		1/1/1900 0:00	20	10	
575			H	F	4A					25			1		1/1/1900 0:00	10	20	
576			H	F	4A					1.25			1		1/1/1900 0:00	10	20	
577			H	F	4A					77			1		1/1/1900 0:00	20	10	
578			H	F	4A					77			1		1/1/1900 0:00	10	20	
579			H	F	4A					4			1		1/1/1900 0:00	20	10	
580			H	F	4A					4			1		1/1/1900 0:00	20	10	
581			H	F	4A					1.4			1		1/1/1900 0:00	20	10	
582			H	F	4A					3			1		1/1/1900 0:00	10	20	
583			H	F	4A					6.6			1		1/1/1900 0:00	20	10	
584			H	F	4A					5			1		1/1/1900 0:00	20	10	
585			H	F	4A					1			1		1/1/1900 0:00	10	20	

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
544			216							
545			400	250						
546			324							
547			324							
548			324							
549			324							
550			324							
551			324							
552			324							
553			324							
554			324							
555			324							
556			322	164	324					
557			262	340	612	324				
558			324	262	612	340				
559			100							
560			336	324						
561			324	336	290					
562			336	324						
563			324							
564			324							
565			324							
566			324							
567			114	400						
568			114	400						
569			406	400	114					
570			324							
571			324							
572			324							
573			324							
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581			324							
582			324							
583			324							
584			324							
585			324							

	A	B	C	D
586	MI0002790	GRAND RAPIDS	6391249	1042
587	MI0002790	GRAND RAPIDS	6391249	1043
588	MI0002790	GRAND RAPIDS	6391249	1044
589	MI0002790	GRAND RAPIDS	6391249	1045
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591	MI0002790	GRAND RAPIDS	6391249	1047
592	MI0002790	GRAND RAPIDS	6391249	1048
593	MI0002790	GRAND RAPIDS	6391249	1049
594	MI0002790	GRAND RAPIDS	6391249	1050
595	MI0002790	GRAND RAPIDS	6391249	1051
596	MI0002790	GRAND RAPIDS	6391249	1052
597	MI0002790	GRAND RAPIDS	6391249	1053
598	MI0002790	GRAND RAPIDS	6391249	1054
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601	MI0002790	GRAND RAPIDS	6391249	1057
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614	MI0002790	GRAND RAPIDS	6391249	1070
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616	MI0002790	GRAND RAPIDS	6391249	1072
617	MI0002790	GRAND RAPIDS	6391249	1073
618	MI0002790	GRAND RAPIDS	6391249	1076
619	MI0002790	GRAND RAPIDS	6391249	1077
620	MI0002790	GRAND RAPIDS	6391249	1079
621	MI0002790	GRAND RAPIDS	6391249	1081
622	MI0002790	GRAND RAPIDS	6391249	1082
623	MI0002790	GRAND RAPIDS	6391249	1085
624	MI0002790	GRAND RAPIDS	6391249	1086
625	MI0002790	GRAND RAPIDS	6391249	1087
626	MI0002790	GRAND RAPIDS	6391249	2000
627	MI0002790	GRAND RAPIDS	6391249	2001

	E	F	G	H	I	J	K	L	M	N	O	P
586	BOOSTER PUMP (BOOSTER A #3)	M99	P1							A1		
587	BOOSTER PUMP (LEFFINGWELL #1)	P1	M99							A1		
588	BOOSTER PUMP (LEFFINGWELL #2)	M99	P1							A1		
589	BOOSTER PUMP (LIVINGSTON #1)	M99	P1							A1		
590	BOOSTER PUMP (LIVINGSTON #2)	P1	M99							A1		
591	BOOSTER PUMP (LIVINGSTON #3)	P1	M99							A1		
592	BOOSTER PUMP (LIVINGSTON #4)	M99	P1							A1		
593	BOOSTER PUMP (LIVINGSTON #5)	P1	M99							A1		
594	FRANKLIN BOOSTER PUMP V1	P1	M99							A1		
595	FRANKLIN BOOSTER PUMP V2	P1	M99							A1		
596	FRANKLIN BOOSTER PUMP V3	M99	P1							A1		
597	FRANKLIN BOOSTER PUMP V4	P1	M99							A1		
598	FRANKLIN BOOSTER PUMP V5	P1	M99							A1		
599	FRANKLIN BOOSTER PUMP V6	M99	P1							A1		
600	FRANKLIN BOOSTER PUMP V7	M99	P1							A1		
601	FRANKLIN BOOSTER PUMP V8	M99	P1							A1		
602	FRANKLIN BOOSTER PUMP V9	P1	M99							A1		
603	COVELL BOOSTER PUMP H1	M99	P1							A1		
604	COVELL BOOSTER PUMP H2	M99	P1							A1		
605	COVELL BOOSTER PUMP H3	M99	P1							A1		
606	BOOSTER D BOOSTER PUMP H1	M99	P1							A1		
607	BOOSTER D BOOSTER PUMP H2	M99	P1							A1		
608	BOOSTER D BOOSTER PUMP H3	P1	M99							A1		
609	BOOSTER PUMP (ALLENDALE #2)	M99	P1							A1		
610	BOOSTER PUMP (ALLENDALE #3)	M99	P1							A1		
611	BOOSTER PUMP (ALLENDALE #4)	P1	M99							A1		
612	BOOSTER PUMP (ALLENDALE #5)	P1	M99							A1		
613	500 KW PORTABLE GENERATOR	W4	M99							A6	A1	
614	LMFP - CONCRETE REPAIRS - PHASE 6 & 1A	T39								A6		
615	LMFP - LOW LIFT VARIABLE FREQUENCY DRIVE	T99	W3							A11		
616	LMFP - ON SITE CHLORINE GENERATION/BULK STORAGE	T1								A11		
617	LMFP - CONCRETE REPAIRS - PHASE 7	T39								A6		
618	LMFP - CONCRETE REPAIRS - PHASE 8	T39								A6		
619	LMFP - CONCRETE REPAIRS - PHASE 5	T38								A6		
620	LMFP - HIGH LIFT PUMP #7 REPLACEMENT	P1								A1		
621	RETROFIT PLATE SETTLERS IN CLARIFIERS	T39								A1		
622	SE ELEVATED STORAGE TANK PROPERTY ACQUISTION	S99	W10							A4		
623	WATER SYSTEM - SITE SECURITY IMPROVEMENTS	W7	T99							A10		
624	LMFP - TASTE & ODOR IMPROVEMENTS	T32								A7		
625	BOOSTER STATION IMPROVEMENTS	M99	W3							A1		
626	LIVINGSTON PUMP STATION DISCHARGE LINE	X2								A11	A6	
627	SE ELEVATED TANK WATER MAIN	M1								A6	A3	

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
586			H	F	4A					2.2			1		1/1/1900 0:00	10	20	
587			H	F	4A					4.3			1		1/1/1900 0:00	10	20	
588			H	F	4A					5			1		1/1/1900 0:00	10	20	
589			H	F	4A					3			1		1/1/1900 0:00	10	20	
590			H	F	4A					5			1		1/1/1900 0:00	10	20	
591			H	F	4A					5			1		1/1/1900 0:00	20	10	
592			H	F	4A					10			1		1/1/1900 0:00	10	20	
593			H	F	4A					6			1		1/1/1900 0:00	10	20	
594			H	F	4A					10			1		1/1/1900 0:00	20	10	
595			H	F	4A					14			1		1/1/1900 0:00	10	20	
596			H	F	4A					6			1		1/1/1900 0:00	10	20	
597			H	F	4A					12			1		1/1/1900 0:00	10	20	
598			H	F	4A					8			1		1/1/1900 0:00	10	20	
599			H	F	4A					12			1		1/1/1900 0:00	20	10	
600			H	F	4A					11.5			1		1/1/1900 0:00	10	20	
601			H	F	4A					11.5			1		1/1/1900 0:00	10	20	
602			H	F	4A					11.5			1		1/1/1900 0:00	10	20	
603			H	F	4A					6			1		1/1/1900 0:00	10	20	
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605			H	F	4A					3.5			1		1/1/1900 0:00	20	10	
606			H	F	4A					7			1		1/1/1900 0:00	10	20	
607			H	F	4A					5.7			1		1/1/1900 0:00	20	10	
608			H	F	4A					3.5			1		1/1/1900 0:00	10	20	
609			H	F	4A					21			1		1/1/1900 0:00	20	10	
610			H	F	4A					25			1		1/1/1900 0:00	20	10	
611			H	F	4A					31			1		1/1/1900 0:00	20	10	
612			H	F	4A					31.3			1		1/1/1900 0:00	20	10	
613			N	C	2B					500			1		1/1/1900 0:00	10	20	
614																		
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619																		
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624																		
625			N	C	4A									200000	4/1/2007 0:00	10	20	
626																		
627																		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
586			324							
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613			324							
614			612	262	336					
615			336	612	262					
616			262	336	612					
617			612	336	262					
618			336	262	612					
619			262	336	612					
620			612	262	336					
621			612	262	336	328	322			
622			254	326						
623			262	612	336					
624			262	326	336	612				
625			324							
626			262	336	612					
627			612	262	336					

	A	B	C	D
628	MI0002790	GRAND RAPIDS	6391249	2002
629	MI0002790	GRAND RAPIDS	6391249	2003
630	MI0002790	GRAND RAPIDS	6391249	2004
631	MI0002790	GRAND RAPIDS	6391249	2005
632	MI0002790	GRAND RAPIDS	6391249	2006
633	MI0002790	GRAND RAPIDS	6391249	2007
634	MI0002790	GRAND RAPIDS	6391249	2008
635	MI0002790	GRAND RAPIDS	6391249	2009
636	MI0002790	GRAND RAPIDS	6391249	2012
637	MI0002790	GRAND RAPIDS	6391249	2013
638	MI0002790	GRAND RAPIDS	6391249	2014
639	MI0002790	GRAND RAPIDS	6391249	3000
640	MI0002790	GRAND RAPIDS	6391249	3001
641	MI0002790	GRAND RAPIDS	6391249	3002
642	MI0002790	GRAND RAPIDS	6391249	3003
643	MI0002790	GRAND RAPIDS	6391249	3004
644	MI0002790	GRAND RAPIDS	6391249	3005
645	MI0002790	GRAND RAPIDS	6391249	3006
646	MI0002790	GRAND RAPIDS	6391249	3007
647	MI0002790	GRAND RAPIDS	6391249	3008
648	MI0002790	GRAND RAPIDS	6391249	3009
649	MI0002790	GRAND RAPIDS	6391249	3010
650	MI0002790	GRAND RAPIDS	6391249	3011
651	MI0002790	GRAND RAPIDS	6391249	3012
652	MI0002790	GRAND RAPIDS	6391249	3013
653	MI0002790	GRAND RAPIDS	6391249	3014
654	MI0002790	GRAND RAPIDS	6391249	3015
655	MI0002790	GRAND RAPIDS	6391249	3016
656	MI0002790	GRAND RAPIDS	6391249	3017
657	MI0002790	GRAND RAPIDS	6391249	3018
658	MI0002790	GRAND RAPIDS	6391249	3019
659	MI0002900	GROSSE POINTE PARK	179520	1000
660	MI0002900	GROSSE POINTE PARK	179520	1001
661	MI0002900	GROSSE POINTE PARK	179520	1002
662	MI0002900	GROSSE POINTE PARK	179520	2000
663	MI0002900	GROSSE POINTE PARK	179520	3000
664	MI0002900	GROSSE POINTE PARK	179520	3001
665	MI0002960	HAMPTON TOWNSHIP	457987	1000
666	MI0002960	HAMPTON TOWNSHIP	457987	1001
667	MI0002960	HAMPTON TOWNSHIP	457987	2004
668	MI0002960	HAMPTON TOWNSHIP	457987	3003
669	MI0002960	HAMPTON TOWNSHIP	457987	3004

	E	F	G	H	I	J	K	L	M	N	O	P
628	FOUR MILE RD ELEVATED TANK WATER MAIN	M1								A3		
629	REPLACE OLD MAINS 6 INCH WITH 8 INCH	M1								A1	A6	
630	REPLACE OLD 8 INCH MAINS	M1								A1	A6	
631	REPLACE OLD 10 INCH MAINS	M1								A1	A6	
632	REPLACE OLD 12 INCH MAINS	M1								A6	A1	
633	LAKE TRANSMISSION MAIN RESTORATION (HIGH SERVICE)	X2								A4	A6	
634	LAKE TRANSMISSION MAIN RESTORATION (HIGH SERVICE)	X2								A4	A6	
635	CLEARWELL CONDUIT LINING	X2								A4	A6	
636	THORNAPPLE RIVER CROSSING	M1								A4		
637	SOUTH WALKER PHASE II WATER MAIN & PUMPS	M1	P2	W3						A11	A9	
638	KRAFT & 60TH WATER MAIN	M1								A9		
639	LEAD SERVICE LINE REPLACEMENT	M2								A6		
640	MONROE TANK VALVE REPLACEMENT	M5								A1		
641	WATER METER REPLACEMENT	M8								A11		
642	WATER METER REPLACEMENT	M8								A11		
643	WATER METER REPLACEMENT	M8								A11		
644	WATER METER REPLACEMENT	M8								A11		
645	WATER METER REPLACEMENT	M8								A11		
646	WATER METER REPLACEMENT	M8								A11		
647	WATER METER REPLACEMENT	M8								A11		
648	BACKFLOW PREVENTION DEVICE REPLACEMENT	M7								A1	A6	
649	BACKFLOW PREVENTION DEVICE REPLACEMENT	M7								A1	A6	
650	BACKFLOW PREVENTION DEVICE REPLACEMENT	M7								A6	A1	
651	BACKFLOW PREVENTION DEVICE REPLACEMENT	M7								A6	A1	
652	BACKFLOW PREVENTION DEVICE REPLACEMENT	M7								A1	A6	
653	BACKFLOW PREVENTION DEVICE REPLACEMENT	M7								A6	A1	
654	BACKFLOW PREVENTION DEVICE REPLACEMENT	M7								A6	A1	
655	BACKFLOW PREVENTION DEVICE REPLACEMENT	M7								A6	A1	
656	BACKFLOW PREVENTION DEVICE REPLACEMENT	M7								A6	A1	
657	BACKFLOW PREVENTION DEVICE REPLACEMENT	M7								A6	A1	
658	BACKFLOW PREVENTION DEVICE REPLACEMENT	M7								A6	A1	
659	NEW SURFACE WATER INTAKE	R7								A6		
660	NEW MEMBRANE WATER TREATMENT PLANT	T14								A6		
661	STANDBY GENERATOR FOR NEW WATER TRT. PT.	T99	W4							A7	A10	
662	REPLACE AGED 5-INCH CAST IRON WATER MAIN THROUGHOU	M1								A1		
663	REPLACE METERS	M8								A1		
664	REPLACE LEAD SERVICES	M2								A6		
665	CLEAN & PAINT FARLY RD TOWER	S1								A1		
666	CLEAN-PAINT KNIGHT RD TANK	S1								A1		
667	REPLACE DETERIORATING DISTRIBUTION MAINS	M1								A1		
668	REPLACE METERS	M8								A1		
669	REPLACE METERS	M8								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
628																		
629			R	F	2B						6	88884			1/1/1900 0:00	8	6	
630			R	F	2B						8	163158			1/1/1900 0:00	6	8	
631			R	F	2B						10	308			1/1/1900 0:00	6	8	
632			R	F	2B						12	121552			1/1/1900 0:00	8	6	
633			H	F	2B						46	132000			1/1/1900 0:00	20		
634			H	F	2B						60	132000			1/1/1900 0:00	20		
635																		
636			N	F	2B						16	11350		3230620	10/1/2010 0:00	1		
637			N	C	2B					1	16	3360	2	1722000	10/1/2010 0:00	1		
638			N	F	2B						16	8250		1690000	10/1/2010 0:00	1		
639			R	F	1D						1		17580		1/1/1900 0:00	1	20	
640			R	F	4A						48		2	100000	12/1/2006 0:00	20		
641			R	F							0.75		67141		1/1/1900 0:00	8	20	
642			R	F							1		4159		1/1/1900 0:00	20	8	
643			R	F							1.5		1957		1/1/1900 0:00	8	20	
644			R	F							2		1260		1/1/1900 0:00	8	20	
645			R	F							3		133		1/1/1900 0:00	20	8	
646			R	F							4		106		1/1/1900 0:00	20	8	
647			R	F							6		22		1/1/1900 0:00	8	20	
648			R	F	2B						0.75		51		1/1/1900 0:00	8	20	
649			R	F	2B						1		34		1/1/1900 0:00	8	20	
650			R	F	2B						1.25		8		1/1/1900 0:00	20	8	
651			R	F	2B						1.5		23		1/1/1900 0:00	20	8	
652			R	F	2B						2		80		1/1/1900 0:00	8	20	
653			R	F	2B						2.5		7		1/1/1900 0:00	20	8	
654			R	F	2B						3		17		1/1/1900 0:00	20	8	
655			R	F	2B						4		17		1/1/1900 0:00	8	20	
656			R	F	2B						6		10		1/1/1900 0:00	20	8	
657			R	F	2B						8		6		1/1/1900 0:00	20	8	
658			R	F	2B						10		3		1/1/1900 0:00	8		
659			N	F	2B	1A				5.85			1		1/1/1900 0:00	2	10	
660			N	F	2B	1A				3.9			1		1/1/1900 0:00	10	2	
661			N	F	2B					900			1		1/1/1900 0:00	2	10	
662			R	C	4A						8	17952			1/1/1900 0:00	6	10	
663			R	F	4A						0.75		4009		1/1/1900 0:00	10	6	
664			R	C	1D								2004		1/1/1900 0:00	6	10	
665			H	F	4A					1			1	178625	2/1/2002 0:00	10	9	
666			H	F	4A					0.25			1	94650	2/1/2001 0:00	9	10	
667			R	F	4A						8	45789			1/1/1900 0:00	10		
668			R	F	4A						0.625		2977		1/1/1900 0:00	10	11	
669			R	F	4A						0.75		239		1/1/1900 0:00	11	10	

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
628			262	612	336					
629			190							
630			190							
631			190							
632			190							
633			100							
634			100							
635			262	612	100					
636			100							
637			114	400						
638			100							
639			100							
640			100							
641			324							
642			324							
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658			324							
659			100							
660			100							
661			100							
662			100							
663			328							
664			100							
665			338	336	324					
666			338	336	324					
667			100							
668			100							
669			100							

	A	B	C	D
670	MI0002960	HAMPTON TOWNSHIP	457987	3005
671	MI0002960	HAMPTON TOWNSHIP	457987	3006
672	MI0002960	HAMPTON TOWNSHIP	457987	3007
673	MI0002960	HAMPTON TOWNSHIP	457987	3008
674	MI0002960	HAMPTON TOWNSHIP	457987	3009
675	MI0002960	HAMPTON TOWNSHIP	457987	3010
676	MI0002960	HAMPTON TOWNSHIP	457987	3011
677	MI0003317	HURON REGIONAL WATER AUTHORITY	6600	1003
678	MI0003317	HURON REGIONAL WATER AUTHORITY	6600	1005
679	MI0003317	HURON REGIONAL WATER AUTHORITY	6600	1007
680	MI0003317	HURON REGIONAL WATER AUTHORITY	6600	3000
681	MI0003317	HURON REGIONAL WATER AUTHORITY	6600	3001
682	MI0003370	IONIA	342807	1000
683	MI0003370	IONIA	342807	1001
684	MI0003370	IONIA	342807	1002
685	MI0003370	IONIA	342807	1003
686	MI0003370	IONIA	342807	1004
687	MI0003370	IONIA	342807	1005
688	MI0003370	IONIA	342807	1006
689	MI0003370	IONIA	342807	1007
690	MI0003370	IONIA	342807	1008
691	MI0003370	IONIA	342807	1009
692	MI0003370	IONIA	342807	1010
693	MI0003370	IONIA	342807	1011
694	MI0003370	IONIA	342807	1012
695	MI0003370	IONIA	342807	1013
696	MI0003370	IONIA	342807	1014
697	MI0003370	IONIA	342807	1015
698	MI0003370	IONIA	342807	1016
699	MI0003370	IONIA	342807	1017
700	MI0003370	IONIA	342807	1018
701	MI0003370	IONIA	342807	1019
702	MI0003370	IONIA	342807	1020
703	MI0003370	IONIA	342807	1021
704	MI0003370	IONIA	342807	1022
705	MI0003370	IONIA	342807	1023
706	MI0003370	IONIA	342807	1024
707	MI0003370	IONIA	342807	1025
708	MI0003370	IONIA	342807	1026
709	MI0003370	IONIA	342807	1027
710	MI0003370	IONIA	342807	1028
711	MI0003370	IONIA	342807	1029

	E	F	G	H	I	J	K	L	M	N	O	P
670	REPLACE METERS	M8								A1		
671	REPLACE METERS	M8								A1		
672	REPLACE METERS	M8								A1		
673	REPLACE METERS	M8								A1		
674	REPLACE METERS	M8								A1		
675	REPLACE METERS	M8								A1		
676	REPLACE LEAD SERVICES	M2								A6		
677	REHAB MEMBRANE FILTRATION PLANT	T14								A1		
678	REPLACE SCADA	W2								A1		
679	REPLACE BACK-UP GENERATOR	W4								A1		
680	REPLACE MASTER METER TO BAD AXE	M8								A1		
681	REPLACE MASTER METER TO PORT AUSTIN	M8								A1		
682	WELL NO. 5 REHAB	R1								A6	A1	
683	WELL NOS. 9, 11A, 14A REHAB	R1								A1	A6	
684	WELL NO. 10 REHAB	R1								A1	A6	
685	WELL NO. 12 REPLACEMENT	R1								A6	A1	
686	WELL NO. 13A REHAB	R1								A1	A6	
687	WELL NO. 15 REHAB	R1								A6	A1	
688	WELL NO. 16 REHAB	R1								A1	A6	
689	NEW WELL NO. 17	R1								A6		
690	WELL PUMP NO. 5 REHAB	R2								A1	A6	
691	WELL PUMPS 9, 11A, 14A REHAB	R2								A6	A1	
692	WELL PUMP NO. 10 REHAB	R2								A6	A1	
693	WELL PUMP NO. 12 REPLACEMENT	R2								A1	A6	
694	WELL PUMP NO. 13A REHAB	R2								A1	A6	
695	WELL PUMP NO. 15 REHAB	R2								A6	A1	
696	WELL PUMP NO. 16 REHAB	R2								A6	A1	
697	NEW WELL PUMP NO. 17	R2								A6		
698	WELL NO. 5 CI REPLACE	T1								A1	A7	
699	WELL NO. 5 FLUORIDE REPLACE	T37								A1		
700	WELL NO. 9 NEW CI	T1								A11		
701	WELL NOS. 11A & 14A CI REPLACE	T1								A1	A7	
702	WELL NOS. 9, 11A, 14A FLUORIDE REPLACE	T37								A1		
703	WELL NO. 10 NEW CI	T1								A11		
704	WELL NO. 10 FLUORIDE REPLACE	T37								A1		
705	WELL NO. 12 & 13A CI REPLACE	T1								A7	A1	
706	WELL NO. 12 & 13A FLUORIDE REPLACE	T37								A1		
707	WELL NO. 15 CI REPLACE	T1								A7	A1	
708	WELL NO. 15 FLUORIDE REPLACE	T37								A1		
709	WELL NO. 16 FLUORIDE REPLACE	T37								A1		
710	WELL NO. 16 CI REPLACE	T1								A1		
711	WELL NO. 17 NEW CI	T1								A11		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
670			R	F	4A						1		124		1/1/1900 0:00	10	11	
671			R	F	4A						1.5		59		1/1/1900 0:00	10	11	
672			R	F	4A						2		40		1/1/1900 0:00	11	10	
673			R	F	4A						3		7		1/1/1900 0:00	10	11	
674			R	F	4A						4		5		1/1/1900 0:00	10	11	
675			R	F	4A						6		5		1/1/1900 0:00	10	11	
676			R	F	1D						1		18		1/1/1900 0:00	10	11	
677			H	F	4A					2.16			1		1/1/1900 0:00	10		
678			R	F	4A								1		1/1/1900 0:00	10		
679			R	F	4A					800			1		1/1/1900 0:00	10		
680			R	F	4A						20		1		1/1/1900 0:00	10	11	
681			R	F	4A						10		1		1/1/1900 0:00	10	11	
682			H	C	2B					1.044			1		1/1/1900 0:00	8	10	6
683			H	F	2B					1.008			3		1/1/1900 0:00	8	6	10
684			H	C	2B					0.929			1		1/1/1900 0:00	6	8	10
685			R	F	2B					0.864			1		1/1/1900 0:00	8	10	6
686			H	F	2B					0.864			1		1/1/1900 0:00	10	6	8
687			H	F	2B					1.224			1		1/1/1900 0:00	6	10	8
688			H	F	2B					1.44			1		1/1/1900 0:00	10	6	8
689																		
690																		
691																		
692																		
693																		
694																		
695																		
696																		
697																		
698			R	F	2A					1.044			1		1/1/1900 0:00	10	6	8
699			R	F	4A					1.044			1		1/1/1900 0:00	10	6	
700																		
701			R	F	2A					1.008			2		1/1/1900 0:00	10	6	8
702			R	F	4A					1.008			3		1/1/1900 0:00	10	6	
703																		
704			R	F	4A					0.929			1		1/1/1900 0:00	6	10	
705			R	F	2A					0.864			2		1/1/1900 0:00	6	10	
706			R	F	4A					0.864			2		1/1/1900 0:00	10	6	
707			R	F	2A					1.224			1		1/1/1900 0:00	10	6	
708			R	F	4A					1.224			1		1/1/1900 0:00	6	10	
709																		
710																		
711																		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
670			100							
671			100							
672			100							
673			100							
674			100							
675			100							
676			330							
677			404	298						
678			100							
679			100							
680			100							
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684			100							
685			100							
686			100							
687			100							
688			100							
689			114							
690			262							
691			262							
692			262							
693			262							
694			262							
695			262							
696			262							
697			114							
698			334							
699			100							
700			212							
701			334							
702			100							
703			212							
704			100							
705			334							
706			100							
707			334							
708			100							
709			114							
710			114							
711			114							

	A	B	C	D
712	MI0003370	IONIA	342807	1030
713	MI0003370	IONIA	342807	1031
714	MI0003370	IONIA	342807	1032
715	MI0003370	IONIA	342807	1033
716	MI0003370	IONIA	342807	1034
717	MI0003370	IONIA	342807	1035
718	MI0003370	IONIA	342807	1036
719	MI0003370	IONIA	342807	2000
720	MI0003370	IONIA	342807	2001
721	MI0003370	IONIA	342807	2002
722	MI0003370	IONIA	342807	2003
723	MI0003370	IONIA	342807	2004
724	MI0003370	IONIA	342807	2005
725	MI0003370	IONIA	342807	2006
726	MI0003370	IONIA	342807	2007
727	MI0003370	IONIA	342807	2008
728	MI0003370	IONIA	342807	3000
729	MI0003370	IONIA	342807	3001
730	MI0003370	IONIA	342807	3002
731	MI0003370	IONIA	342807	3003
732	MI0003370	IONIA	342807	3004
733	MI0003370	IONIA	342807	3005
734	MI0003370	IONIA	342807	3006
735	MI0003370	IONIA	342807	3007
736	MI0003370	IONIA	342807	3008
737	MI0003370	IONIA	342807	3009
738	MI0003370	IONIA	342807	3010
739	MI0003370	IONIA	342807	3011
740	MI0003520	KALAMAZOO	4289683	1000
741	MI0003520	KALAMAZOO	4289683	1001
742	MI0003520	KALAMAZOO	4289683	1002
743	MI0003520	KALAMAZOO	4289683	1003
744	MI0003520	KALAMAZOO	4289683	1004
745	MI0003520	KALAMAZOO	4289683	1005
746	MI0003520	KALAMAZOO	4289683	1006
747	MI0003520	KALAMAZOO	4289683	1007
748	MI0003520	KALAMAZOO	4289683	1008
749	MI0003520	KALAMAZOO	4289683	1009
750	MI0003520	KALAMAZOO	4289683	1010
751	MI0003520	KALAMAZOO	4289683	1011
752	MI0003520	KALAMAZOO	4289683	1012
753	MI0003520	KALAMAZOO	4289683	1013

	E	F	G	H	I	J	K	L	M	N	O	P
712	WELL NO. 17 NEW FLUORIDE	T37								A11		
713	NEW WELLHOUSE FOR 17 AND 16	R3								A4		
714	CYRUS, TUTTLE, LINCOLN ELEVATED STORAGE REHAB	S1								A1	A6	
715	FARGO GROUND STORAGE REHAB	S2								A6	A1	
716	CYRUS GROUND STORAGE REPLACEMENT	S2								A1	A6	
717	CYRUS BOOSTER STATION REPLACEMENT	P2								A1	A6	
718	SWARTZ COURT BOOSTER STATION REHAB	P2								A1	A6	
719	REPLACE OLD CAST IRON MAIN	M1								A6	A1	
720	AUSTIN PINES INTERCONNECT	M1								A4	A6	
721	TUTTLE ROAD INTERCONNECT	M1								A6	A4	
722	BELLEVIEW INTERCONNECT	M1								A4	A6	
723	M-66 PARALLEL TRANSMISSION MAINS	M1								A6	A4	
724	MERIDIAN UPSIZING	M1								A4	A6	A1
725	M-66 UPSIZING	M1								A6	A1	A4
726	JEFFERSON UPSIZING	M1								A6	A1	A4
727	M-66 PARALLEL TRANS. MAINS	M1								A6	A4	
728	CUSTOMER METER REPLACEMENT	M8								A1		
729	WELLS 9/10/11A GENERATOR	W4	R99							A1	A10	A6
730	WELLS 12/13A GENERATOR	R99	W4							A6	A1	A10
731	WELLS 14A/15 GENERATOR	R99	W4							A6	A10	A1
732	WELL 5 PORTABLE GENERATOR	W4	R99							A1	A6	A10
733	WELLS 16/17 GENERATOR	W4	R99							A6	A10	
734	SWARTZ CT. BOOSTER STATION GENERATOR	M99	W4							A6	A1	A10
735	10 INCH PRV REPLACEMENT	M6								A1		
736	12 INCH PRV REPLACEMENT	M6								A1		
737	16 INCH PRV REPLACEMENT	M6								A1		
738	LABORATORY REPLACEMENT	W1								A1	A6	A10
739	SCADA REPLACEMENT	W2								A1	A6	A10
740	HIGH SYSTEM STORAGE TANK	S1								A3		
741	TEXAS TOWNSHIP ELEVATED STORAGE	S1								A3		
742	ROSS TOWNSHIP WELL FIELD & PUMP STATION	P2	R1							A2	A4	
743	REPLACEMENT PUMPS & MOTORS	P1	R2							A1		
744	STATION UPGRADES	R1	P2	T42						A1		
745	SECURITY	W6	W5	W7						A10		
746	SCADA IMPROVEMENT	W2								A1		
747	PS #24 IRON TREATMENT	T34								A7		
748	PS #8 IMPROVEMENTS	P2	T34							A7		
749	PS #9 IRON TREATMENT	T20								A7		
750	PS #39 IRON TREATMENT	T34								A7		
751	PS #12 IRON TREATMENT	T34								A7		
752	REPLACEMENT MT. OLIVET TANK	S1								A1		
753	REHAB BLAKESLEE RES.	S2								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
712																		
713																		
714			H	F	2B					0.5			3		1/1/1900 0:00	6	10	
715			H	F	2B					1			1		1/1/1900 0:00	10	6	
716			H	F	2B					0.5			1		1/1/1900 0:00	10	6	
717			R	C	2B					1.728			1		1/1/1900 0:00	10	6	
718			H	F	2B					2.189			1		1/1/1900 0:00	10	6	
719			R	F	2B						8	21500			1/1/1900 0:00	10		
720			N	F	2B						12	950		152000	6/1/2007 0:00	10	1	
721			N	F	2B						12	1800		288000	6/1/2007 0:00	10	1	
722			N	F	2B						12	950		152000	6/1/2007 0:00	1	10	
723			N	F	2B						16	4500		900000	6/1/2007 0:00	1	10	
724			R	F	2B						8	1500			1/1/1900 0:00	10	1	
725			R	F	2B						8	2000			1/1/1900 0:00	10	1	
726			R	F	2B						8	1440			1/1/1900 0:00	1	10	
727			N	F	2B						12	600		96000	6/1/2007 0:00	10	1	
728			R	C							0.75		3346		1/1/1900 0:00	10		
729			R	F	2B						180		1		1/1/1900 0:00	6	10	
730			R	F	2B						155		1		1/1/1900 0:00	6	10	
731			R	F	2B						150		1		1/1/1900 0:00	6	10	
732			R	F	2B						125		1		1/1/1900 0:00	10	6	
733																		
734			R	F	2B						50		1		1/1/1900 0:00	6	10	
735			R	F							10		1		1/1/1900 0:00	10	6	
736			R	F							12		2		1/1/1900 0:00	10	6	
737			R	F							16		3		1/1/1900 0:00	10	6	
738			R	F	2B	1H	1B						1		1/1/1900 0:00	10		
739			R	F	2B								1		1/1/1900 0:00	10		
740																		
741			N	C	4A					2			1	3440500	11/1/2010 0:00	20	1	2
742			N	C	4A					3			1	5460000	11/1/2010 0:00	20	1	
743			R	C	4A									157000	11/1/2010 0:00	1	20	
744			H	C	4A									900000	2/1/2007 0:00	10	1	
745			N	C	4A									1590600	11/1/2010 0:00	1	10	20
746			R	C	4A									360000	11/1/2010 0:00	1	11	20
747			N	F	2A					7			1	7852900	11/1/2010 0:00	2	20	1
748			N	C	2A					3			1	3121000	11/1/2010 0:00	1	20	2
749																		
750			N	C	2A					3.8			1	5683700	11/1/2010 0:00	2	20	1
751			N	C	2A					1.7			1	3051700	11/1/2010 0:00	20	1	2
752			R	F	4A					0.5			1	1300000	11/1/2010 0:00	2	20	1
753			H	F	4A					7					1/1/1900 0:00	11	1	20

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
712			114							
713			114							
714			100							
715			100							
716			244							
717			100							
718			100							
719			100							
720			100							
721			100							
722			100							
723			272							
724			308	120						
725			308	120						
726			120	308						
727			280							
728			100							
729			100							
730			100							
731			100							
732			100							
733			114							
734			100							
735			100							
736			100							
737			100							
738			304							
739			100							
740			122							
741			100							
742			338							
743			338	326	336					
744			326							
745	11		324							
746			338	336						
747			326	328						
748			326							
749			228							
750			326							
751			326							
752			100							
753			308							

	A	B	C	D
754	MI0003520	KALAMAZOO	4289683	1014
755	MI0003520	KALAMAZOO	4289683	1015
756	MI0003520	KALAMAZOO	4289683	1016
757	MI0003520	KALAMAZOO	4289683	1017
758	MI0003520	KALAMAZOO	4289683	1018
759	MI0003520	KALAMAZOO	4289683	1019
760	MI0003520	KALAMAZOO	4289683	1020
761	MI0003520	KALAMAZOO	4289683	1021
762	MI0003520	KALAMAZOO	4289683	1022
763	MI0003520	KALAMAZOO	4289683	1023
764	MI0003520	KALAMAZOO	4289683	1024
765	MI0003520	KALAMAZOO	4289683	1025
766	MI0003520	KALAMAZOO	4289683	1026
767	MI0003520	KALAMAZOO	4289683	1027
768	MI0003520	KALAMAZOO	4289683	1028
769	MI0003520	KALAMAZOO	4289683	2000
770	MI0003520	KALAMAZOO	4289683	2001
771	MI0003520	KALAMAZOO	4289683	2002
772	MI0003520	KALAMAZOO	4289683	2003
773	MI0003520	KALAMAZOO	4289683	2004
774	MI0003520	KALAMAZOO	4289683	2005
775	MI0003520	KALAMAZOO	4289683	2006
776	MI0003520	KALAMAZOO	4289683	2007
777	MI0003520	KALAMAZOO	4289683	2008
778	MI0003520	KALAMAZOO	4289683	2009
779	MI0003520	KALAMAZOO	4289683	3000
780	MI0003520	KALAMAZOO	4289683	3001
781	MI0003520	KALAMAZOO	4289683	3002
782	MI0003520	KALAMAZOO	4289683	3003
783	MI0003520	KALAMAZOO	4289683	3004
784	MI0003630	KINROSS CHARTER TOWNSHIP	147840	1000
785	MI0003630	KINROSS CHARTER TOWNSHIP	147840	1001
786	MI0003630	KINROSS CHARTER TOWNSHIP	147840	1002
787	MI0003630	KINROSS CHARTER TOWNSHIP	147840	1003
788	MI0003630	KINROSS CHARTER TOWNSHIP	147840	1004
789	MI0003630	KINROSS CHARTER TOWNSHIP	147840	1005
790	MI0003630	KINROSS CHARTER TOWNSHIP	147840	1006
791	MI0003630	KINROSS CHARTER TOWNSHIP	147840	1007
792	MI0003630	KINROSS CHARTER TOWNSHIP	147840	1008
793	MI0003630	KINROSS CHARTER TOWNSHIP	147840	1009
794	MI0003630	KINROSS CHARTER TOWNSHIP	147840	2000
795	MI0003630	KINROSS CHARTER TOWNSHIP	147840	2001

	E	F	G	H	I	J	K	L	M	N	O	P
754	REHAB GULL ROAD TANK	S1								A1		
755	REHAB DARTMOUTH TANK	S1								A1		
756	REHAB EDGEMOOR TANK	S1								A1		
757	REHAB STADIUM DRIVE TANK	S1								A1		
758	REHAB 6TH ST. TANK	S1								A1		
759	30TH ST. BOOSTER STATION	P2								A4		
760	WELL REHABILITATION AND REPLACEMENT	R1								A1		
761	IRON REMOVAL STA 15, 17, & 18	T20								A7		
762	OSHTEMO TWP WELL FIELD & PUMP STATION	R1	R3	P2						A2	A4	
763	REHAB BEECH TANK	S1								A1		
764	REPLACEMENT BBS #23	P2								A1		
765	REPLACEMENT BBS #26	P2								A1		
766	REPLACEMENT BBS #27	P2								A1		
767	REPLACEMENT SCALES CHEMICAL FEED SYSTEM	T35								A6	A1	
768	PS #24 IRON TREATMENT	T20								A7		
769	TEXAS DRIVE WATER MAIN	X2								A2		
770	O AVE AND 6TH ST. MAIN	X2								A2		
771	30TH ST AND C AVE MAIN	X2								A2		
772	NEW MAIN FOR ROSS TWP PUMPING STATION	X2								A2		
773	REPLACEMENT OF CAST IRON MAINS	M1								A1		
774	CROOKED LAKE MODEL MAIN	X2								A4		
775	HIDDENLAKE PHASE 6 MAIN	X2								A11		
776	HIDDENLAKE PHASE 6 MAIN	M1								A11		
777	COMSTOCK BOTTLENECK MAIN	X2								A4		
778	COMSTOCK CREEK MAIN	X2								A11		
779	SERVICES & SERVICE CONNECTIONS	M3								A1		
780	VALVE REPLACEMENT PROGRAM	M5								A1		
781	METER IMPROVEMENT PROGRAM	M8								A1		
782	LEAD SERVICE LINES	M2								A6	A1	
783	REPLACE DETERIORATED HYDRANTS	M4								A1		
784	WELLS 5 AND 6 AT 1.4 MGD EACH	R2								A1		
785	WELL 7 AT 1.0 MGD	R2								A1		
786	WELLS 1 AND 2 AT .72 MGD EACH	R2								A1		
787	250,000 GAL. ELEVATED STORAGE TANK	S1								A1		
788	500,000 GAL. ELEVATED STORAGE TANK	S1								A1		
789	GENERATOR AT GREENWAY DR WELL HOUSE	W4								A1		
790	GENERATOR AT WELL HOUSE 1586	W4								A1		
791	WATER SYSTEM AUTOMATION	W2								A1		
792	REHAB WELL HOUSE 1586 #5	R3								A1		
793	REHAB WELL HOUSE 215 - 216 #1 & #2	R3								A1		
794	REPLACE DETERIORATED WATER MAIN (PLASTIC)	M1								A1		
795	REPLACE DETERIORATED WATER MAIN (CAST IRON)	M1								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
754			H	F	4A					1.5			1	458200	11/1/2010 0:00	20	1	11
755			H	F	4A					0.35			1	359600	11/1/2010 0:00	11	20	1
756			H	F	4A					0.75			1	359600	11/1/2010 0:00	11	20	1
757			H	F	4A					1.5			1	458200	11/1/2010 0:00	1	11	20
758			H	F	4A					1					1/1/1900 0:00	20	1	11
759																		
760			H	C	4A									3076500	11/1/2010 0:00	4	11	1
761																		
762																		
763			H	F	4A					2.5			1		1/1/1900 0:00	10		
764																		
765																		
766																		
767																		
768																		
769																		
770																		
771																		
772			N	C	4A						16	15930		1400000	11/1/2010 0:00	10	1	11
773			R	C	4A						8	428968			1/1/1900 0:00	11		
774																		
775																		
776																		
777																		
778																		
779			R	C	4A								2760		1/1/1900 0:00	10		
780																		
781			R	C	4A						0.625		42324		1/1/1900 0:00	1	11	10
782			R	C	1D								14720		1/1/1900 0:00	11	1	
783																		
784			R	F	4A					1.4			2		1/1/1900 0:00	11		
785			R	F	4A					1			1		1/1/1900 0:00	11		
786			R	F	4A					0.72			2		1/1/1900 0:00	11		
787			H	F	4A					0.25			1	206000	1/1/2011 0:00	4		
788			H	C	4A					0.5			1	49000	1/1/2011 0:00	4		
789			R	F	4A					250			1		1/1/1900 0:00	11		
790			R	F	4A					100			1		1/1/1900 0:00	11		
791			N	F	4A								1		1/1/1900 0:00	11		
792			H	F	4A					1.4			1		1/1/1900 0:00	11		
793			H	F	4A					0.72			2		1/1/1900 0:00	11		
794			R	F	4A						12	1056			1/1/1900 0:00	11		
795			R	C	4A						6	1056			1/1/1900 0:00	11		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
754			100							
755			100							
756			338							
757			100							
758			308							
759			228							
760			324	328	348	336	338			
761			228							
762			228							
763			100							
764			228	250						
765			228	250						
766			250	228						
767			200							
768			212							
769			228	216						
770			216	228						
771			216	228						
772			324							
773			244							
774			228	212						
775			212	228						
776			228	212						
777			216							
778			216							
779			218	324	340					
780			262							
781			342	308						
782			308							
783			262							
784			328	320	326					
785			326	328	320					
786			328	320	326					
787			200	400						
788			200	400						
789			100							
790			100							
791			200	400						
792			100							
793			100							
794			100							
795			100							

	A	B	C	D
796	MI0003630	KINROSS CHARTER TOWNSHIP	147840	2002
797	MI0003630	KINROSS CHARTER TOWNSHIP	147840	2003
798	MI0003630	KINROSS CHARTER TOWNSHIP	147840	2004
799	MI0003630	KINROSS CHARTER TOWNSHIP	147840	2005
800	MI0003630	KINROSS CHARTER TOWNSHIP	147840	2006
801	MI0003630	KINROSS CHARTER TOWNSHIP	147840	3000
802	MI0003630	KINROSS CHARTER TOWNSHIP	147840	3001
803	MI0003630	KINROSS CHARTER TOWNSHIP	147840	3002
804	MI0003630	KINROSS CHARTER TOWNSHIP	147840	3003
805	MI0003630	KINROSS CHARTER TOWNSHIP	147840	3004
806	MI0003630	KINROSS CHARTER TOWNSHIP	147840	3005
807	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1000
808	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1001
809	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1003
810	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1004
811	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1005
812	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1006
813	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1007
814	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1008
815	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1009
816	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1010
817	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1011
818	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1013
819	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1014
820	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1015
821	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1016
822	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1017
823	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1018
824	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1019
825	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1020
826	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1021
827	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1022
828	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	1023
829	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	2000
830	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	2001
831	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	2002
832	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	2003
833	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	2004
834	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	2005
835	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	2006
836	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	2007
837	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	2008

	E	F	G	H	I	J	K	L	M	N	O	P
796	REPLACE DETERIORATED 8-INCH WATER MAIN (CAST IRON)	M1								A1		
797	REPLACE DETERIORATED WATER MAIN (AC)	M1								A1		
798	REPLACE DETERIORATED WATER MAIN (AC) 8-INCH	M1								A1		
799	REPLACE C.I. WATER MAIN 10-INCH	M1								A1		
800	REPLACE AC WATER MAIN 10-INCH	M1								A1		
801	REPLACE 5/8-INCH X 3/4-INCH SENSUS WATER METERS	M8								A1		
802	REPLACE 1-INCH SENSUS WATER METERS	M8								A1		
803	REPLACE 1 1/2-INCH SENSUS TERBO METER	M8								A1		
804	REPLACE 2-INCH SENSUS TURBO METER	M8								A1		
805	REPLACE 3-INCH SENSUS TURBO METER	M8								A1		
806	REPLACE 10-INCH COMBO SENSUS WATER METER	M8								A1		
807	WISE TREATMENT COMPLETE PLANT	T16								A1	A7	
808	DYE TREATMENT COMPLETE PLANT	T16								A1	A7	
809	CEDAR PUMP STATION REPLACEMENT	P2								A4		
810	DYE PUMP STATION ADDITION	P1	M99							A1		
811	WINDSOR TWP RESERVOIR	S2								A4		
812	WINDSOR BOOSTER PUMP REHAB	P2								A1		
813	EIFERT BOOSTER PUMP REHAB	P2								A1		
814	AURELIUS BOOSTER PUMP REHAB	P2								A1		
815	DEWITT/DEWITT TWP WATER SYSTEM	S2								A2		
816	WATERTOWN PUMP STATION	S2								A4		
817	DELHI BOOSTER STATION	P2								A4		
818	REPLACE 20 WELLS	R2								A2		
819	REHAB 107 WELLS	R2								A1		
820	VFD @ WELLS	R2								A1		
821	ABANDON 20 WELLS	R5								A1		
822	BINGHAM TWP WATER SYSTEM	S1								A3		
823	WISE RESERVOIR ADDITION	S1								A3		
824	DYE CONTROLS UPGRADE	W2	T99							A1		
825	WISE CONTROLS UPGRADE	W2								A1		
826	DISTRIBUTION PRESSURE MONITORING	W3	M99							A1		
827	REPLACE LABORATORY INSTRUMENTATION	W1	T99							A1		
828	BOOSTER STATION EMERGENCY POWER	M99	W4							A1		
829	REPLACE DETERIORATED WATER MAIN (10%)	M1								A1		
830	REPLACE DETERIORATED WATER MAIN (10%)	M1								A1		
831	REPLACE DETERIORATED WATER MAIN (10%)	M1								A1		
832	REPLACE DETERIORATED WATER MAIN (10%)	M1								A1		
833	REHAB HULETT ROAD INTERCONNECT	M6								A1		
834	REHAB STATE ROAD INTERCONNECT	M6								A1		
835	REHAB BATH EMERGENCY INTERCONNECTS	M6								A1		
836	REHAB DELTA INTERCONNECTS	M6								A1		
837	REHAB LANSING TWP INTERCONNECT	M6								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
796			R	C	4A						8	2184			1/1/1900 0:00	11		
797			R	F	4A						6	1056			1/1/1900 0:00	11		
798			R	F	4A						8	3958			1/1/1900 0:00	11		
799			R	C							10	2040			1/1/1900 0:00	11		
800			R	F							10	3434			1/1/1900 0:00	11		
801			R	F	4A						0.625		912		1/1/1900 0:00	11		
802			R	F	4A						1		14		1/1/1900 0:00	11		
803			R	F	4A						1.5		1		1/1/1900 0:00	11		
804			R	F	4A						2		5		1/1/1900 0:00	11		
805			R	F	4A						3		2		1/1/1900 0:00	11		
806			R	F	4A						10		2		1/1/1900 0:00	11		
807			H	C	2A					10			1		1/1/1900 0:00	20		
808			H	C	2A					40			1		1/1/1900 0:00	20		
809			H	F	4A					20			1		1/1/1900 0:00	11		
810			N	F	4A					20			1		1/1/1900 0:00	20	11	
811																		
812			H	F	4A					10			1		1/1/1900 0:00	20	11	
813			H	F	4A					10			1		1/1/1900 0:00	20	11	
814			H	F	4A					5			1		1/1/1900 0:00	11	20	
815																		
816			R	F	4A					2			1		1/1/1900 0:00	20	11	
817																		
818			R	F	4A					0.5			11		1/1/1900 0:00	20	11	
819			R	F	4A								107		1/1/1900 0:00	11		
820																		
821			N	F	4A					0.5			20		1/1/1900 0:00	6	11	20
822																		
823																		
824			N	C	4A								1		1/1/1900 0:00	20	11	
825																		
826			N	C	4A								1		1/1/1900 0:00	20	11	
827			R	F	4A									1120000	4/1/2011 0:00	20	11	
828																		
829			R	C	4A						6	188953			1/1/1900 0:00	11		
830			R	F	4A						12	196188			1/1/1900 0:00	11		
831			R	F	4A						20	62581			1/1/1900 0:00	11		
832			R	F	4A						48	38			1/1/1900 0:00	11		
833																		
834																		
835																		
836																		
837																		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
796			100							
797			100							
798			100							
799			100							
800			100							
801			340							
802			100							
803			100							
804			100							
805			100							
806			308							
807			100							
808			100							
809			244							
810			326	328	308					
811			212							
812			100							
813			100							
814			340							
815			212							
816			326	328						
817			212							
818			244	340						
819			244	300						
820			262							
821			322	328						
822			266	212						
823			216							
824			308							
825			254							
826			308							
827			336							
828			212							
829			100							
830			100							
831			100							
832			100							
833			284							
834			284							
835			284	266						
836			284	266						
837			266	284						

	A	B	C	D
838	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	2009
839	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	2010
840	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	2011
841	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	2012
842	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	2013
843	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	2014
844	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	2015
845	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	2016
846	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	2017
847	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	2018
848	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	3000
849	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	3001
850	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	3002
851	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	3003
852	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	3004
853	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	3005
854	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	3006
855	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	3007
856	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	3008
857	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	3009
858	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	3010
859	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	3011
860	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	3012
861	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	3013
862	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	3014
863	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	3015
864	MI0003760	LANSING BOARD OF WATER AND LIGHT	4477609	3016
865	MI0003990	MACOMB TOWNSHIP	1304160	2000
866	MI0003990	MACOMB TOWNSHIP	1304160	2001
867	MI0003990	MACOMB TOWNSHIP	1304160	2002
868	MI0003990	MACOMB TOWNSHIP	1304160	2003
869	MI0003990	MACOMB TOWNSHIP	1304160	2004
870	MI0003990	MACOMB TOWNSHIP	1304160	2005
871	MI0003990	MACOMB TOWNSHIP	1304160	2006
872	MI0003990	MACOMB TOWNSHIP	1304160	2007
873	MI0003990	MACOMB TOWNSHIP	1304160	2008
874	MI0003990	MACOMB TOWNSHIP	1304160	2009
875	MI0003990	MACOMB TOWNSHIP	1304160	2010
876	MI0003990	MACOMB TOWNSHIP	1304160	2011
877	MI0003990	MACOMB TOWNSHIP	1304160	3000
878	MI0004006	MADISON TOWNSHIP	278520	1000
879	MI0004006	MADISON TOWNSHIP	278520	1001

	E	F	G	H	I	J	K	L	M	N	O	P
838	RAW WATER TRANSMISSION REPLACEMENT	X1								A1		
839	RAW WATER TRANSMISSION EXTENSIONS	X1								A2		
840	PHASE 2 &3 OF FINISHED WATER TRANSMISSION EXTENSIO	X2								A11		
841	FINISHED WATER TRANSMISSION MSU	X2								A11		
842	FINISHED WATER TRANSMISSION WINDSOR/DELTA	X2								A11		
843	GRAND LEDGE/ONEIDA INTERCONNECTION	X2								A10		
844	E. LANSING MERIDIAN INTERCONNECTION	X2								A10		
845	BINGHAM TWP WATER SYSTEM	X2								A10		
846	DIMONDALE DISTRIBUTION (8-INCH)	M1								A11		
847	DIMONDALE DISTRIBUTION (12-INCH)	M1								A11		
848	REPLACE LEAD SERVICES	M2								A1	A6	
849	REPLACE PLASTIC SERVICES	M3								A1		
850	REPLACE CUSTOMER METERS	M8								A1		
851	REPLACE CUSTOMER METERS	M8								A1		
852	REPLACE CUSTOMER METERS	M8								A1		
853	REPLACE CUSTOMER METERS	M8								A1		
854	REPLACE CUSTOMER METERS	M8								A1		
855	REPLACE CUSTOMER METERS	M8								A1		
856	REPLACE CUSTOMER METERS	M8								A1		
857	REPLACE CUSTOMER METERS	M8								A1		
858	REPLACE CUSTOMER METERS	M8								A1		
859	REPLACE CUSTOMER METERS	M8								A1		
860	REPLACE CUSTOMER METERS	M8								A1		
861	REHAB INTERCONX METERS 16-INCH	M8								A1		
862	REHAB INTERCONX VALVES 16-INCH	M6								A1		
863	REHAB INTERCONX METERS 30-INCH	M8								A1		
864	REHAB INTERCONX VALVES 30-INCH	M6								A1		
865	12-INCH WATER MAIN CONSTRUCTION (SECTION 24)	M1								A4		
866	16-INCH WATER MAIN CONSTRUCTION (22 MILE ROAD)	X2								A4		
867	16-INCH WATER MAIN REPLACEMENT (NORTH AVE)	X2								A1	A4	
868	8-INCH WATER MAIN REPLACEMENT (SECTIONS 23, 25, 29	M1								A4	A1	
869	12-INCH WATER MAIN CONSTRUCTION (HALL RD, HAYES RD	M1								A4		
870	NEW SHELBY TOWNSHIP CONNECTION #1 (HAYES & 21 MILE	X2								A8		
871	NEW SHELBY TOWNSHIP CONNECTION #2 (HAYES & 24 MILE	X2								A8		
872	16-INCH WATER MAIN REPLACEMENT (ROMEO PLANK ROAD -	X2								A1		
873	16-INCH WATER MAIN REPLACEMENT (ROMEO PLANK ROAD -	X2								A1		
874	16-INCH WATER MAIN CONSTRUCTION (GARFIELD, S. OF 2	X2								A4		
875	16-INCH WATER MAIN REPLACEMENT (21 MILE ROAD - ROM	X2								A1		
876	REPLACE DETERIORATED AC/CAST IRON WATER MAIN	M1								A1		
877	REPLACEMENT OF METERS	M8								A1		
878	REHAB WELLS 3 AND 4 AT 0.99 EACH	R2								A1		
879	REHAB WELLS 1 AND 2 AT 0.3 MGD EACH	R2								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
838																		
839																		
840																		
841																		
842																		
843																		
844																		
845																		
846																		
847																		
848			R	C	1D						1		3200		1/1/1900 0:00	11		
849			R	F	4A						1		350		1/1/1900 0:00	11		
850			R	C	4A						0.625		41524		1/1/1900 0:00	11		
851			R	C	4A						0.75		7168		1/1/1900 0:00	11		
852			R	C	4A						1		1500		1/1/1900 0:00	11		
853			R	C	4A						1.5		908		1/1/1900 0:00	11		
854			R	C	4A						2		983		1/1/1900 0:00	11		
855			R	C	4A						3		97		1/1/1900 0:00	11		
856			R	C	4A						4		126		1/1/1900 0:00	11		
857			R	C	4A						6		29		1/1/1900 0:00	11		
858			R	C	4A						8		3		1/1/1900 0:00	11		
859			R	C	4A						10		8		1/1/1900 0:00	11		
860			R	C	4A						16		1		1/1/1900 0:00	11		
861			R	C							16		4		1/1/1900 0:00	11		
862			R	C							16		4		1/1/1900 0:00	11		
863			H	C							30		1		1/1/1900 0:00	11		
864			H	C							30		1		1/1/1900 0:00	11		
865																		
866																		
867			R	F	4A						16	10700			1/1/1900 0:00	1		
868			R	F	4A						8	18400			1/1/1900 0:00	1	10	
869																		
870																		
871																		
872			R	C	4A						16	7680			1/1/1900 0:00	10	1	
873			R	C	4A						16	5500			1/1/1900 0:00	10	1	
874																		
875			R	C	4A						16	14700			1/1/1900 0:00	1	10	
876			R	F	4A						6	73436			1/1/1900 0:00	10		
877			R	F	4A						1		25338		1/1/1900 0:00	10		
878			R	F	4A					0.99			2		1/1/1900 0:00	10	8	
879			R	F	4A					0.3			1		1/1/1900 0:00	8	10	

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
838			212	188						
839			212							
840			212							
841			212							
842			212							
843			212							
844			212							
845			212							
846			212							
847			212							
848			334	340						
849			100							
850			340							
851			340							
852			340							
853			340							
854			340							
855			340							
856			100							
857			340							
858			100							
859			340							
860			100							
861			280							
862			280							
863			280							
864			280							
865			216							
866			216							
867			308							
868			100							
869			216							
870			216							
871			216							
872			100							
873			100							
874			216							
875			100							
876			344							
877			100							
878			282	244	402					
879			402	244						

	A	B	C	D
880	MI0004006	MADISON TOWNSHIP	278520	1002
881	MI0004006	MADISON TOWNSHIP	278520	1003
882	MI0004006	MADISON TOWNSHIP	278520	1004
883	MI0004006	MADISON TOWNSHIP	278520	1005
884	MI0004006	MADISON TOWNSHIP	278520	2000
885	MI0004006	MADISON TOWNSHIP	278520	3000
886	MI0004006	MADISON TOWNSHIP	278520	3001
887	MI0004120	MARQUETTE	0	1000
888	MI0004120	MARQUETTE	0	1002
889	MI0004120	MARQUETTE	0	1003
890	MI0004120	MARQUETTE	0	1004
891	MI0004120	MARQUETTE	0	1005
892	MI0004120	MARQUETTE	0	1006
893	MI0004120	MARQUETTE	0	1008
894	MI0004120	MARQUETTE	0	1009
895	MI0004120	MARQUETTE	0	1010
896	MI0004120	MARQUETTE	0	2000
897	MI0004120	MARQUETTE	0	3000
898	MI0004120	MARQUETTE	0	3001
899	MI0004120	MARQUETTE	0	3002
900	MI0004120	MARQUETTE	0	3003
901	MI0004120	MARQUETTE	0	3004
902	MI0004120	MARQUETTE	0	3005
903	MI0004120	MARQUETTE	0	3006
904	MI0004120	MARQUETTE	0	3007
905	MI0004120	MARQUETTE	0	3008
906	MI0004120	MARQUETTE	0	3009
907	MI0004120	MARQUETTE	0	3010
908	MI0004370	MIDLAND, CITY OF	1996157	1000
909	MI0004370	MIDLAND, CITY OF	1996157	1001
910	MI0004370	MIDLAND, CITY OF	1996157	1002
911	MI0004370	MIDLAND, CITY OF	1996157	1003
912	MI0004370	MIDLAND, CITY OF	1996157	1004
913	MI0004370	MIDLAND, CITY OF	1996157	1005
914	MI0004370	MIDLAND, CITY OF	1996157	1006
915	MI0004370	MIDLAND, CITY OF	1996157	1007
916	MI0004370	MIDLAND, CITY OF	1996157	1008
917	MI0004370	MIDLAND, CITY OF	1996157	1009
918	MI0004370	MIDLAND, CITY OF	1996157	1010
919	MI0004370	MIDLAND, CITY OF	1996157	2000
920	MI0004370	MIDLAND, CITY OF	1996157	3000
921	MI0004370	MIDLAND, CITY OF	1996157	3001

	E	F	G	H	I	J	K	L	M	N	O	P
880	REHAB IRON FILTRATION UNIT	T20								A1		
881	REHAB ABOVE GROUND WATER TOWER 0.25 MG	S1								A1		
882	REPLACEMENT EMERGENCY POWER	W4								A1		
883	REHAB SUNNYSIDE EAST WELL	R1								A1		
884	FENCING THE STORAGE TANK SITE	W5								A10		
885	REPLACE EXISTING RESIDENTIAL METERS	M8								A1		
886	REPLACE EXISTING COMMERCIAL METERS	M8								A1		
887	WTP REHAB	T14								A1		
888	REHAB MTN. TANK	S2								A1		
889	REHAB LINCOLN TANK	S2								A1		
890	REHAB WILSON BOOSTER STA.	P2								A1		
891	REPLACE GROVE BOOSTER STA.	P2								A1		
892	REHAB LINCOLN BOOSTER STA.	P2								A1		
893	STANDBY POWER FOR LINCOLN BOOST STA.	W4								A10		
894	REPLACE EMER GENERATOR @ WTP	W4								A1		
895	REPLACE GENERATORS FOR BOOSTER STA	W4								A1		
896	REPLACE WATER MAIN THROUGHOUT CITY	M1								A1		
897	METER REPLACEMENT	M8								A1		
898	METER REPLACEMENT	M8								A1		
899	METER REPLACEMENT	M8								A1		
900	METER REPLACEMENT	M8								A1		
901	METER REPLACEMENT	M8								A1		
902	METER REPLACEMENT	M8								A1		
903	METER REPLACEMENT	M8								A1		
904	METER REPLACEMENT	M8								A1		
905	METER REPLACEMENT	M8								A1		
906	METER REPLACEMENT	M8								A1		
907	BACKFLOW DEVICES	M7								A1		
908	REHAB TREATMENT PLANT	T10								A1	A6	
909	REHAB NORTHEAST DISTRICT PUMP STATION	P2								A1		
910	REHAB VALLEY DRIVE PUMP STATION	P2								A1	A6	
911	REHAB LARKIN PUMP STATION	P2								A6	A1	
912	REHAB LARKIN ELEVATED TANK	S1								A6	A1	
913	REHAB JEFFERSON ELEVATED TANK	S1								A1	A6	
914	REHAB PLYMOUTH ELEVATED TANK	S1								A6	A1	
915	EMERGENCY POWER WTP	T99	W4							A6	A11	
916	REHAB DOMESTIC WATER PLANT RESERVOIRS	S2								A1	A6	
917	VALLEY DRIVE RESERVOIR REPAIR	S2								A1	A6	
918	FILTER VENT MODS	T42								A1		
919	MAIN REPLACEMENT	M1								A1		
920	METERS, 5/8 X 3/4 INCH	M8								A1		
921	METER REPLACEMENT 1 INCH	M8								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
880			H	F	4A					1			1		1/1/1900 0:00	10		
881			H	F	4A					0.25			1		1/1/1900 0:00	8	10	
882			R	F	4A					125			1		1/1/1900 0:00	10		
883			H	F	4A					0.3			1		1/1/1900 0:00	8	10	
884																		
885			R	F	4A						1		870		1/1/1900 0:00	10		
886			R	F	4A						2		290		1/1/1900 0:00	10		
887			H	C						7			1		1/1/1900 0:00	5	4	
888			H	F						1			1	430600	3/1/2009 0:00	8	4	
889			H	F						1			1	430600	3/1/2009 0:00	8	4	
890																		
891																		
892																		
893																		
894																		
895																		
896			R	C										43173500	3/1/2009 0:00	5	4	8
897																		
898																		
899																		
900																		
901																		
902																		
903																		
904																		
905																		
906																		
907																		
908			H	F	1A					48			1		1/1/1900 0:00	20	10	6
909			H	F	1A					7.5			1		1/1/1900 0:00	6	10	
910			H	F	1A					7.7			1		1/1/1900 0:00	6	10	20
911			H	F	1A					1.66			1		1/1/1900 0:00	10	6	
912			H	F	1A					0.25			1		1/1/1900 0:00	10	6	
913			H	F	1A					0.5			1		1/1/1900 0:00	6	10	
914			H	F	1A					1			1		1/1/1900 0:00	6	10	
915			N	C	2B					1600			1		1/1/1900 0:00	20	1	10
916																		
917			H	C	2B					3.66			1	60000	12/1/2006 0:00	20		
918																		
919			R	F	4A						8	199584			1/1/1900 0:00	10		
920			R	F	4A						0.75		9354		1/1/1900 0:00	10		
921			R	F	4A						1		7397		1/1/1900 0:00	10		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
880			324							
881			100							
882			100							
883			280							
884			180							
885			100							
886			100							
887			324							
888			324							
889			324							
890			204							
891			200							
892			204							
893			204							
894			200							
895			200							
896			324	124						
897			200							
898			200							
899			200							
900			200							
901			200							
902			200							
903			200							
904			200							
905			200							
906			200							
907			200							
908			334							
909			400	262						
910			334							
911			334							
912			334							
913			334							
914			334							
915			404	302	400	200				
916			262	500						
917			322							
918			412	262						
919			100							
920			100							
921			100							

	A	B	C	D
922	MI0004370	MIDLAND, CITY OF	1996157	3002
923	MI0004370	MIDLAND, CITY OF	1996157	3003
924	MI0004370	MIDLAND, CITY OF	1996157	3004
925	MI0004370	MIDLAND, CITY OF	1996157	3005
926	MI0004370	MIDLAND, CITY OF	1996157	3006
927	MI0004370	MIDLAND, CITY OF	1996157	3007
928	MI0004370	MIDLAND, CITY OF	1996157	3008
929	MI0004370	MIDLAND, CITY OF	1996157	3009
930	MI0004455	MONROE SOUTH COUNTY	1150000	1000
931	MI0004455	MONROE SOUTH COUNTY	1150000	1001
932	MI0004455	MONROE SOUTH COUNTY	1150000	1002
933	MI0004455	MONROE SOUTH COUNTY	1150000	1003
934	MI0004455	MONROE SOUTH COUNTY	1150000	1004
935	MI0004455	MONROE SOUTH COUNTY	1150000	1005
936	MI0004455	MONROE SOUTH COUNTY	1150000	1006
937	MI0004455	MONROE SOUTH COUNTY	1150000	1007
938	MI0004455	MONROE SOUTH COUNTY	1150000	2000
939	MI0004455	MONROE SOUTH COUNTY	1150000	2001
940	MI0004455	MONROE SOUTH COUNTY	1150000	2002
941	MI0004455	MONROE SOUTH COUNTY	1150000	3000
942	MI0004455	MONROE SOUTH COUNTY	1150000	3001
943	MI0004455	MONROE SOUTH COUNTY	1150000	3002
944	MI0004510	MOUNT CLEMENS, CITY OF	379017	1000
945	MI0004510	MOUNT CLEMENS, CITY OF	379017	1002
946	MI0004510	MOUNT CLEMENS, CITY OF	379017	1003
947	MI0004510	MOUNT CLEMENS, CITY OF	379017	1004
948	MI0004510	MOUNT CLEMENS, CITY OF	379017	1005
949	MI0004510	MOUNT CLEMENS, CITY OF	379017	2000
950	MI0004510	MOUNT CLEMENS, CITY OF	379017	2001
951	MI0004510	MOUNT CLEMENS, CITY OF	379017	2002
952	MI0004510	MOUNT CLEMENS, CITY OF	379017	2003
953	MI0004510	MOUNT CLEMENS, CITY OF	379017	2004
954	MI0004510	MOUNT CLEMENS, CITY OF	379017	2005
955	MI0004510	MOUNT CLEMENS, CITY OF	379017	2006
956	MI0004510	MOUNT CLEMENS, CITY OF	379017	2007
957	MI0004510	MOUNT CLEMENS, CITY OF	379017	2009
958	MI0004510	MOUNT CLEMENS, CITY OF	379017	2010
959	MI0004510	MOUNT CLEMENS, CITY OF	379017	2011
960	MI0004510	MOUNT CLEMENS, CITY OF	379017	2012
961	MI0004510	MOUNT CLEMENS, CITY OF	379017	2013
962	MI0004510	MOUNT CLEMENS, CITY OF	379017	2014
963	MI0004510	MOUNT CLEMENS, CITY OF	379017	2015

	E	F	G	H	I	J	K	L	M	N	O	P
922	METER REPLACEMENT 1 1/2 INCH	M8								A1		
923	METER REPLACEMENT 2 INCH	M8								A1		
924	METER REPLACEMENT 3 INCH	M8								A1		
925	METER REPLACEMENT 4 INCH	M8								A1		
926	METER REPLACEMENT 6 INCH	M8								A1		
927	METER REPLACEMENT 8 INCH	M8								A1		
928	METER REPLACEMENT 10 INCH	M8								A1		
929	METER REPLACEMENT 16 INCH	M8								A1		
930	REHAB ALL 4 ELEVATED WATER TOWERS	S1								A1		
931	REHAB LEWIS AVENUE BOOSTER STATION	P2								A1		
932	REHAB DIXIE HWY BOOSTER STATION	P2								A1		
933	REHAB OF 2MGAL GROUND LEVEL STORAGE	S2								A1		
934	REPLACE CHLORINATION SYSTEM @ LEWIS PS	T1								A1		
935	REPLACE CHLORINATION SYSTEM @ DIXIE HWY	T1								A1		
936	REPLACE GENERATOR AT LEWIS AV. P.S.	W4	M99							A1		
937	REPLACE GENERATOR AT DIXIE HWY P.S.	W4	M99							A1		
938	REPLACE: CI & ASBESTOS CEMENT PIPE (10% OF TOTAL)	M1								A1		
939	WATER MAIN LOOPING	M1								A4		
940	EXTEND SERVICE TO WHITEFORD TWP.	X2								A9		
941	METER REPLACEMENT	M8								A1		
942	METER REPLACEMENT	M8								A1		
943	METER REPLACEMENT	M8								A1		
944	INSTALL TREATMENT PLANT GENERATOR	W4	T99							A10	A6	
945	REPLACE 1929 EMERGENCY INTAKE	R7								A1		
946	REHAB TREATMENT PLANT	T10								A1	A6	
947	REHAB ELEVATED TANK	S1								A1		
948	REHAB GROUND STORAGE	S2								A1		
949	REPLACE ESPLANADE/CHIPPEWA WM	M1								A1		
950	REPLACE CUMBERLAND/BREITMEYER/S. ROSE WM	M1								A1		
951	REPLACE BROADWAY/CLEMENS WM	M1								A1		
952	REPLACE BARBARA ST. WM	M1								A1		
953	REPLACE BEYNE ST.	M1								A1		
954	REPLACE LINDSAY LANE	M1								A1		
955	REPLACE MEADLE DRIVE	M1								A1		
956	REPLACE BURLINGTON TO BALMORAL DEAD-END	M1								A7		
957	REPLACE FESSENDEN STREET WATER MAIN	M1								A1		
958	REPLACE GALLUP AVE. WATER MAIN	M1								A1		
959	REPLACE ELDREDGE STREET WATER MAIN	M1								A1		
960	REPLACE FERRIN PLACE WATER MAIN	M1								A1		
961	REPLACE JONES STREET WATER MAIN	M1								A1		
962	REPLACE LINCOLN AVE. WATER MAIN	M1								A1		
963	REPLACE MADISON AVE. WATER MAIN	M1								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
922			R	F	4A						1.5		302		1/1/1900 0:00	10		
923			R	F	4A						2		464		1/1/1900 0:00	10		
924			R	F	4A						3		68		1/1/1900 0:00	10		
925			R	F	4A						4		10		1/1/1900 0:00	10		
926			R	F	4A						6		12		1/1/1900 0:00	10		
927			R	F	4A						8		2		1/1/1900 0:00	10		
928			R	F	4A						10		2		1/1/1900 0:00	10		
929			R	C	4A						16		2		1/1/1900 0:00	10		
930			H	C	4A					0.5			4	1032500	12/1/2010 0:00	4	10	
931			H	F	4A					11					1/1/1900 0:00	10		
932			H	F	4A					12.5					1/1/1900 0:00	10		
933			H	F	4A					2					1/1/1900 0:00	10		
934			R	F	4A					11					1/1/1900 0:00	10		
935			R	F	4A					12.5					1/1/1900 0:00	10		
936			R	F	4A					550					1/1/1900 0:00	10		
937			R	F	4A					750					1/1/1900 0:00	10		
938			R	C	4A						8	115000			1/1/1900 0:00	10		
939			N	C	4A						16	12000			1/1/1900 0:00	2	10	
940			N	C	1B									3715862	2/1/2010 0:00	2	10	
941			R	C	4A						0.625		7000		1/1/1900 0:00	10		
942			R	F	4A						1		4500		1/1/1900 0:00	10		
943			R	F	4A						3		246		1/1/1900 0:00	10		
944			R	C	2B					1000			1		1/1/1900 0:00	3		
945			R	C	4A					8			1		1/1/1900 0:00	10		
946			H	F	1A					8			1		1/1/1900 0:00	10		
947			H	F						1			1		1/1/1900 0:00	10		
948			H	F						4			1		1/1/1900 0:00	10		
949			R	C	4A						8	11520		2703151	5/1/2009 0:00	3		
950			R	C	4A						8	1300		499291	5/1/2009 0:00	3		
951			R	C	4A						8	6980		1259307	5/1/2009 0:00	3		
952																		
953			R	C	4A						6	750		80000	3/1/1998 0:00	3		
954																		
955			R	C	4A						6	1350		144000	3/1/1998 0:00	3		
956			N	C	2A						6	900		96000	3/1/1998 0:00	3		
957			R	C	4A						6	1400		150000	3/1/1998 0:00	3		
958			R	C	4A						6	350		37000	3/1/1998 0:00	3		
959			R	C	4A						6	1000		107000	3/1/1998 0:00	3		
960			R	C	4A						6	1000		107000	3/1/1998 0:00	3		
961			R	C	4A						6	400		43000	3/1/1998 0:00	3		
962			R	C	4A						6	2100		225000	3/1/1998 0:00	3		
963			R	C	4A						6	1050		112000	3/1/1998 0:00	3		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
922			100							
923			100							
924			100							
925			100							
926			100							
927			100							
928			100							
929			100							
930			100							
931			100							
932			100							
933			100							
934			100							
935			100							
936			100							
937			100							
938			100							
939			100							
940			336	224	400					
941			100							
942			100							
943			100							
944			308	328						
945			100							
946			100							
947			100							
948			100							
949			100							
950			100							
951			100							
952			502	122						
953			338							
954			122	502						
955			338							
956			338							
957			338							
958			338							
959			338							
960			338							
961			338							
962			338							
963			338							

	A	B	C	D
964	MI0004510	MOUNT CLEMENS, CITY OF	379017	2016
965	MI0004510	MOUNT CLEMENS, CITY OF	379017	2017
966	MI0004510	MOUNT CLEMENS, CITY OF	379017	2018
967	MI0004510	MOUNT CLEMENS, CITY OF	379017	2019
968	MI0004510	MOUNT CLEMENS, CITY OF	379017	2020
969	MI0004510	MOUNT CLEMENS, CITY OF	379017	2021
970	MI0004510	MOUNT CLEMENS, CITY OF	379017	2022
971	MI0004510	MOUNT CLEMENS, CITY OF	379017	2023
972	MI0004510	MOUNT CLEMENS, CITY OF	379017	3000
973	MI0004510	MOUNT CLEMENS, CITY OF	379017	3001
974	MI0004510	MOUNT CLEMENS, CITY OF	379017	3002
975	MI0004510	MOUNT CLEMENS, CITY OF	379017	3003
976	MI0004530	MOUNT PLEASANT, CITY OF	475200	1000
977	MI0004530	MOUNT PLEASANT, CITY OF	475200	1001
978	MI0004530	MOUNT PLEASANT, CITY OF	475200	1002
979	MI0004530	MOUNT PLEASANT, CITY OF	475200	1003
980	MI0004530	MOUNT PLEASANT, CITY OF	475200	1004
981	MI0004530	MOUNT PLEASANT, CITY OF	475200	1005
982	MI0004530	MOUNT PLEASANT, CITY OF	475200	1006
983	MI0004530	MOUNT PLEASANT, CITY OF	475200	1007
984	MI0004530	MOUNT PLEASANT, CITY OF	475200	1008
985	MI0004530	MOUNT PLEASANT, CITY OF	475200	2000
986	MI0004530	MOUNT PLEASANT, CITY OF	475200	2001
987	MI0004530	MOUNT PLEASANT, CITY OF	475200	2002
988	MI0004530	MOUNT PLEASANT, CITY OF	475200	2003
989	MI0004530	MOUNT PLEASANT, CITY OF	475200	2004
990	MI0004530	MOUNT PLEASANT, CITY OF	475200	3000
991	MI0004530	MOUNT PLEASANT, CITY OF	475200	3001
992	MI0004530	MOUNT PLEASANT, CITY OF	475200	3002
993	MI0004570	MUSKEGON	1033243	1000
994	MI0004570	MUSKEGON	1033243	1001
995	MI0004570	MUSKEGON	1033243	1002
996	MI0004570	MUSKEGON	1033243	1003
997	MI0004570	MUSKEGON	1033243	1004
998	MI0004570	MUSKEGON	1033243	1005
999	MI0004570	MUSKEGON	1033243	1006
1000	MI0004570	MUSKEGON	1033243	1007
1001	MI0004570	MUSKEGON	1033243	2000
1002	MI0004570	MUSKEGON	1033243	2001
1003	MI0004570	MUSKEGON	1033243	2002
1004	MI0004570	MUSKEGON	1033243	2003
1005	MI0004570	MUSKEGON	1033243	2004

	E	F	G	H	I	J	K	L	M	N	O	P
964	REPLACE N. HIGHLAND AVE. WATER MAIN	M1								A1		
965	REPLACE SHERIDAN AVE WATER MAIN	M1								A1		
966	REPLACE WASHINGTON WATER MAIN	M1								A1		
967	NEW CITY BOUNDARY WATER MAIN	M1								A7		
968	NEW COMET ST. WATER MAIN	M1								A7		
969	NEW ELDRIDGE ST. WATER MAIN	M1								A7		
970	LOOP GROESBECK HIGHWAY DEAD-END	M1								A7		
971	REPLACE C.I. MAINS UP TO 10% OF TOTAL	M1								A1		
972	REPLACE WATER METERS	M8								A1		
973	REPLACE TRANSMISSION LINE VALVES	M5								A1		
974	REPLACE LEAD SERVICE LINES	M2								A6		
975	REPLACE REMAINING METERS	M8								A1		
976	DEEP WELL REHAB	R1								A1		
977	RANNEY WELL REHAB	R2								A1		
978	ELEVATED TANK REHAB - 1 MG	S1								A1		
979	SCADA REHAB	W2								A1		
980	REHAB WATER TREATMENT PLANT	T16								A1	A6	
981	ELEVATED TANK REHAB - 0.5 MG	S1								A1		
982	WTP EMERGENCY POWER	W4	T99							A1		
983	PUMP STATION EMERGENCY POWER	W4	M99							A1		
984	WELLS PORTABLE EMERGENCY POWER	W4	R99							A1		
985	LESS THAN OR EQUAL TO 6-INCH WATERMAIN	M1								A1		
986	8-INCH-12-INCH WATERMAIN	M1								A1		
987	15-INCH-24-INCH WATERMAIN	M1								A1		
988	PARALLEL RAW WATER MAIN	X1								A6		
989	PARALLEL FINISHED WATER MAIN	X2								A6		
990	REPLACE WATER METERS	M8								A1		
991	REPLACE FIRE HYDRANTS	M4								A1		
992	REPLACE VALVES	M5								A1		
993	NIMS ST. ELEVATED TANK	S1								A6	A1	
994	MARSHALL ST. ELEVATED TANK	S1								A3	A1	A6
995	ROBERTS ST. ELEVATED TANK	S1								A1	A6	
996	HARVEY BOOSTER PUMP #1	P1								A1	A6	
997	HARVEY BOOSTER PUMP #2	P1								A1	A6	
998	ZEBRA MOSSEL CONTROL	T30								A1		
999	PROJECT CONSOLIDATION WTP REHAB	T10								A6	A1	
1000	HARVEY RESVOIR	S2								A6	A1	
1001	24-INCH CHANNEL CROSSING	X2								A4	A6	A9
1002	REPLACEMENT OF OLD 2-INCH - 6-INCH CI WM	M1								A6	A1	A4
1003	REPLACEMENT OF OLD CI WATERMAIN	M1								A6	A1	
1004	REPLACEMENT OF OLD CI WATERMAIN	M1								A1	A6	
1005	ADDITIONAL < 4 IN WATERMAIN REPLACEMENT	M1								A1	A6	

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
964			R	C	4A						6	600		64000	3/1/1998 0:00	3		
965			R	C	4A						6	1050		112000	3/1/1998 0:00	3		
966			R	C	4A						6	1600		171000	3/1/1998 0:00	3		
967			N	C	2A						6	800		86000	3/1/1998 0:00	3		
968			N	C	2A						6	400		43000	3/1/1998 0:00	3		
969			N	C	2A						6	900		96000	3/1/1998 0:00	3		
970			N	C	2A						6	1000		107000	3/1/1998 0:00	3		
971			R	C							8	5450			1/1/1900 0:00	10		
972			R	C	4A						0.625		4520		1/1/1900 0:00	9		
973																		
974			R	C	1D						1		2058		1/1/1900 0:00	10		
975			R	F							0.625		1360		1/1/1900 0:00	10		
976			H	C	4A					0.5			7	280000	1/1/2012 0:00	1		
977			R	F						2.3			1		1/1/1900 0:00	20	1	
978			H	F	4A					1			1	191500	3/1/2007 0:00	4		
979			R	F	4A								1		1/1/1900 0:00	1	20	
980			H	F	1A					8.3			1		1/1/1900 0:00	10		
981			H	C	4A					0.5			1	250000	1/1/2011 0:00	1		
982			R	C	4A					120			1		1/1/1900 0:00	10		
983			R	C	4A					230			1		1/1/1900 0:00	10		
984			R	C	4A					120			1		1/1/1900 0:00	10		
985			R	C	4A						6	24024			1/1/1900 0:00	1		
986			R	C	4A						8	18480			1/1/1900 0:00	1		
987			R	C	4A						16	5016			1/1/1900 0:00	1		
988																		
989																		
990			R	C							0.625		751		1/1/1900 0:00	1		
991																		
992																		
993			R	F	2B					1			1		1/1/1900 0:00	11	10	20
994			R	F	2B					2			1		1/1/1900 0:00	10	20	11
995			H	F	2B					1			1		1/1/1900 0:00	11	20	10
996			R	F	2B					6			1		1/1/1900 0:00	20	10	11
997			H	F	2B					6			1		1/1/1900 0:00	11	10	20
998			R	F	4A					40			1		1/1/1900 0:00	10	20	11
999			H	F	1A					40			1		1/1/1900 0:00	20	10	
1000			H	F	2B					5			1		1/1/1900 0:00	20	10	11
1001			N	C	2B						24	35300		5800000	11/1/2004 0:00	20	10	6
1002			R	C	2B						8	80492			1/1/1900 0:00	20	10	
1003			R	C	2B						12	4596			1/1/1900 0:00	10	20	
1004			R	C	2B						24	2370			1/1/1900 0:00	10	20	
1005			R	C	2B						8	14446			1/1/1900 0:00	10	20	

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
964			338							
965			338							
966			338							
967			338							
968			338							
969			338							
970			338							
971			416	340						
972			308							
973			262	502						
974			100							
975			340							
976			336							
977			244							
978			100							
979			100							
980			324							
981			338							
982			324							
983			324							
984			324							
985			340							
986			340							
987			340							
988			216	212						
989			154							
990			344							
991			262							
992			262							
993			100							
994			100							
995			100							
996			100							
997			100							
998			100							
999			308							
1000			100							
1001			100							
1002			100							
1003			100							
1004			100							
1005			100							

	A	B	C	D
1006	MI0004570	MUSKEGON	1033243	3000
1007	MI0004570	MUSKEGON	1033243	3001
1008	MI0004570	MUSKEGON	1033243	3002
1009	MI0004570	MUSKEGON	1033243	3005
1010	MI0004570	MUSKEGON	1033243	3006
1011	MI0004570	MUSKEGON	1033243	3007
1012	MI0004580	MUSKEGON HEIGHTS	314020	1000
1013	MI0004580	MUSKEGON HEIGHTS	314020	1001
1014	MI0004580	MUSKEGON HEIGHTS	314020	1003
1015	MI0004580	MUSKEGON HEIGHTS	314020	1004
1016	MI0004580	MUSKEGON HEIGHTS	314020	1005
1017	MI0004580	MUSKEGON HEIGHTS	314020	1006
1018	MI0004580	MUSKEGON HEIGHTS	314020	1007
1019	MI0004580	MUSKEGON HEIGHTS	314020	1008
1020	MI0004580	MUSKEGON HEIGHTS	314020	1010
1021	MI0004580	MUSKEGON HEIGHTS	314020	1018
1022	MI0004580	MUSKEGON HEIGHTS	314020	1019
1023	MI0004580	MUSKEGON HEIGHTS	314020	1020
1024	MI0004580	MUSKEGON HEIGHTS	314020	1021
1025	MI0004580	MUSKEGON HEIGHTS	314020	1022
1026	MI0004580	MUSKEGON HEIGHTS	314020	1023
1027	MI0004580	MUSKEGON HEIGHTS	314020	1024
1028	MI0004580	MUSKEGON HEIGHTS	314020	1025
1029	MI0004580	MUSKEGON HEIGHTS	314020	1026
1030	MI0004580	MUSKEGON HEIGHTS	314020	1027
1031	MI0004580	MUSKEGON HEIGHTS	314020	1028
1032	MI0004580	MUSKEGON HEIGHTS	314020	1029
1033	MI0004580	MUSKEGON HEIGHTS	314020	1030
1034	MI0004580	MUSKEGON HEIGHTS	314020	1031
1035	MI0004580	MUSKEGON HEIGHTS	314020	1032
1036	MI0004580	MUSKEGON HEIGHTS	314020	1033
1037	MI0004580	MUSKEGON HEIGHTS	314020	1034
1038	MI0004580	MUSKEGON HEIGHTS	314020	1035
1039	MI0004580	MUSKEGON HEIGHTS	314020	1036
1040	MI0004580	MUSKEGON HEIGHTS	314020	1037
1041	MI0004580	MUSKEGON HEIGHTS	314020	1038
1042	MI0004580	MUSKEGON HEIGHTS	314020	1039
1043	MI0004580	MUSKEGON HEIGHTS	314020	1040
1044	MI0004580	MUSKEGON HEIGHTS	314020	1041
1045	MI0004580	MUSKEGON HEIGHTS	314020	1043
1046	MI0004580	MUSKEGON HEIGHTS	314020	2000
1047	MI0004580	MUSKEGON HEIGHTS	314020	2001

	E	F	G	H	I	J	K	L	M	N	O	P
1006	REPLACE FENCING	W5								A10		
1007	REPLACE SECURITY SYSTEM	W8								A10		
1008	REPLACE SCADA	W2								A6		
1009	MASTER METER REPLACEMENT	M8								A1		
1010	CUSTOMER METER REPLACEMENT	M8								A1		
1011	BACKFLOW DEVICE REPLACEMENT	M7								A1	A6	
1012	REPLACE 30 INCH INTAKE	R7								A1		
1013	REHAB 42 INCH INTAKE	R7								A1		
1014	REPLACE LOW SERVICE PUMP 4	R8								A6	A1	
1015	REPLACE LOW SERVICE PUMP 5	R8								A1	A6	
1016	REPLACE LOW SERVICE PUMP 6	R8								A1	A6	
1017	REHAB LOW SERVICE PUMPS 1 & 3	R8								A1	A6	
1018	REHAB LOW SERVICE PUMP 2	R8								A6	A1	
1019	REPLACE RAPID MIXERS (2)	T35								A1	A6	
1020	REHAB FLOCCULATORS 5 & 6	T39								A6	A1	
1021	FILTERS 9-12 REHAB	T42								A1	A6	
1022	BACKWASH PUMP 1 & 2 REPLACE	R8								A1	A6	
1023	BACKWASH PUMP 3 REHAB	R8								A1	A6	
1024	REPLACE HIGH SERVICE PUMP #1	P1								A1	A6	
1025	REPLACE HIGH SERVICE PUMP #2	P1								A1	A6	
1026	REPLACE HIGH SERVICE PUMP #3	P1								A1	A6	
1027	REPLACE HIGH SERVICE PUMPS #4-#7	P1								A6	A1	
1028	REPLACE SHERMAN PUMP STATION	P2								A1	A6	
1029	REHAB SLUDGE LAGOONS	T44								A1		
1030	REPLACE GETTY ELEVATED TANK	S1								A6	A1	
1031	REPLACE SHERMAN RESERVOIR #1	S2								A1	A6	
1032	REPLACE SHERMAN RESERVOIR #2	S2								A6	A1	
1033	REHAB NORTH CLEARWELL 1 & 2	T7								A6	A1	
1034	REHAB NORTH CLEARWELL 3	T7								A1	A6	
1035	REHAB SOUTH CLEARWELL 1 & 2	T7								A6	A1	
1036	REHAB SOUTH CLEARWELL 3	T7								A1	A6	
1037	REHAB EAST AND WEST RESERVOIRS	S2								A1	A6	
1038	REPLACE CHLORINE FEED EQUIP	T1								A6	A1	
1039	REPLACE ALUM FEED EQUIP	T35								A1	A6	
1040	REPLACE FLUORIDE FEED EQUIP	T37								A1		
1041	REPLACE CARBON FEED EQUIP	T32								A6	A1	
1042	REPLACE PHOS FEED EQUIP	T30								A1		
1043	TURBIMETERS	W1								A6	A1	
1044	LAB EQUIPMENT	W1								A6	A1	
1045	SAMPLING PUMP REP	P1								A1	A6	
1046	GRAVITY TRANSMISSION LINE	X2								A1		
1047	4 INCH MAIN REPLACEMENT WITH 8 INCH	M1								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1006																		
1007																		
1008			R	F	2B	1A							1		1/1/1900 0:00	20	10	11
1009			R	F	4A						8		7		1/1/1900 0:00	10	20	
1010			R	C	4A						0.75		12900		1/1/1900 0:00	20	10	
1011																		
1012			R	F	4A					16.8			1		1/1/1900 0:00	20		
1013			H	F	4A					34			1		1/1/1900 0:00	20		
1014			R	F	2B					4.9			1		1/1/1900 0:00	20		
1015			R	F	2B					5.4			1		1/1/1900 0:00	20		
1016			R	F	2B					8.8			1		1/1/1900 0:00	20		
1017			H	F	2B					7.4			2		1/1/1900 0:00	20		
1018			H	F	2B					4.6			1		1/1/1900 0:00	20		
1019			R	F	2B	1A				25.2			2		1/1/1900 0:00	20		
1020			R	F	1A					25.2			1		1/1/1900 0:00	20		
1021			R	F	1A					25.2			1		1/1/1900 0:00	20		
1022			R	C	1A					14.04			2		1/1/1900 0:00	20		
1023			H	F	1A					14.04			1		1/1/1900 0:00	20		
1024			R	F	2B					4.46			1		1/1/1900 0:00	20		
1025			R	F	2B					6.05			1		1/1/1900 0:00	20		
1026			R	F	2B					2.02			1		1/1/1900 0:00	20		
1027			H	F	2B					5			4		1/1/1900 0:00	20		
1028			R	C	2B					15.2			1		1/1/1900 0:00	20		
1029			H	F	4A					25			1		1/1/1900 0:00	20		
1030			H	F	2B					0.75			1		1/1/1900 0:00	20		
1031			H	F	2B					0.5			1		1/1/1900 0:00	20		
1032			H	F	2B					1			1		1/1/1900 0:00	20		
1033			H	F	1A					0.091			2		1/1/1900 0:00	20		
1034			H	F	1A					0.121			1		1/1/1900 0:00	20		
1035			H	F	1A					0.082			2		1/1/1900 0:00	20		
1036			H	F	1A					0.038			1		1/1/1900 0:00	20		
1037			H	F	1A					2			2		1/1/1900 0:00	20		
1038			R	F	1A					25			1		1/1/1900 0:00	20		
1039			R	F	1A					25			1		1/1/1900 0:00	20		
1040			R	F	4A					25			1		1/1/1900 0:00	20		
1041			R	C	1A					25			1		1/1/1900 0:00	20		
1042			R	F	4A					25			1		1/1/1900 0:00	20		
1043			R	F	1A								1		1/1/1900 0:00	20		
1044			R	F	1A								1		1/1/1900 0:00	20		
1045			R	F	1A					0.004			6		1/1/1900 0:00	20		
1046			R	F	4A						30	3078			1/1/1900 0:00	20		
1047			R	C	4A						8	5140			1/1/1900 0:00	20		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1006			262							
1007			262							
1008			100							
1009			340							
1010			340							
1011			216	264						
1012			100							
1013			100							
1014			100							
1015			100							
1016			100							
1017			100							
1018			100							
1019			100							
1020			100							
1021			100							
1022			100							
1023			100							
1024			100							
1025			100							
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1027			100							
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1029			100							
1030			100							
1031			100							
1032			100							
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1034			100							
1035			100							
1036			100							
1037			100							
1038			100							
1039			100							
1040			100							
1041			100							
1042			100							
1043			304							
1044			304							
1045			326							
1046			100							
1047			100							

	A	B	C	D
1048	MI0004580	MUSKEGON HEIGHTS	314020	2002
1049	MI0004580	MUSKEGON HEIGHTS	314020	3003
1050	MI0004580	MUSKEGON HEIGHTS	314020	3004
1051	MI0004580	MUSKEGON HEIGHTS	314020	3005
1052	MI0004580	MUSKEGON HEIGHTS	314020	3006
1053	MI0004580	MUSKEGON HEIGHTS	314020	3007
1054	MI0004580	MUSKEGON HEIGHTS	314020	3008
1055	MI0004580	MUSKEGON HEIGHTS	314020	3009
1056	MI0004580	MUSKEGON HEIGHTS	314020	3010
1057	MI0004580	MUSKEGON HEIGHTS	314020	3011
1058	MI0004580	MUSKEGON HEIGHTS	314020	3012
1059	MI0004580	MUSKEGON HEIGHTS	314020	3013
1060	MI0004580	MUSKEGON HEIGHTS	314020	3017
1061	MI0004580	MUSKEGON HEIGHTS	314020	3018
1062	MI0004580	MUSKEGON HEIGHTS	314020	3019
1063	MI0004580	MUSKEGON HEIGHTS	314020	3020
1064	MI0004580	MUSKEGON HEIGHTS	314020	3021
1065	MI0004580	MUSKEGON HEIGHTS	314020	3022
1066	MI0004800	MICHIGAN-AMERICAN WATER CO	447309	1002
1067	MI0004800	MICHIGAN-AMERICAN WATER CO	447309	1003
1068	MI0004800	MICHIGAN-AMERICAN WATER CO	447309	1004
1069	MI0004800	MICHIGAN-AMERICAN WATER CO	447309	1005
1070	MI0004800	MICHIGAN-AMERICAN WATER CO	447309	1006
1071	MI0004800	MICHIGAN-AMERICAN WATER CO	447309	1007
1072	MI0004800	MICHIGAN-AMERICAN WATER CO	447309	1008
1073	MI0004800	MICHIGAN-AMERICAN WATER CO	447309	1009
1074	MI0004800	MICHIGAN-AMERICAN WATER CO	447309	1010
1075	MI0004800	MICHIGAN-AMERICAN WATER CO	447309	1011
1076	MI0004800	MICHIGAN-AMERICAN WATER CO	447309	2000
1077	MI0004800	MICHIGAN-AMERICAN WATER CO	447309	2001
1078	MI0004800	MICHIGAN-AMERICAN WATER CO	447309	2002
1079	MI0004800	MICHIGAN-AMERICAN WATER CO	447309	2003
1080	MI0004800	MICHIGAN-AMERICAN WATER CO	447309	3000
1081	MI0004800	MICHIGAN-AMERICAN WATER CO	447309	3001
1082	MI0004800	MICHIGAN-AMERICAN WATER CO	447309	3002
1083	MI0004845	NORTHVILLE TOWNSHIP	798900	1000
1084	MI0004845	NORTHVILLE TOWNSHIP	798900	1001
1085	MI0004845	NORTHVILLE TOWNSHIP	798900	1002
1086	MI0004845	NORTHVILLE TOWNSHIP	798900	2001
1087	MI0004845	NORTHVILLE TOWNSHIP	798900	2002
1088	MI0004845	NORTHVILLE TOWNSHIP	798900	2003
1089	MI0004845	NORTHVILLE TOWNSHIP	798900	2004

	E	F	G	H	I	J	K	L	M	N	O	P
1048	6 INCH MAIN REPLACEMENT WITH 8 INCH	M1								A1		
1049	CUSTOMER METER REPLACEMENT	M8								A1		
1050	WTP METER REPLACEMENTS	M8								A1	A6	
1051	WHOLESALE CUSTOMER METERS	M8								A1	A6	
1052	REPLACE BACKFLOW PREVENTERS	M7								A6	A1	
1053	LOW SERVICE GENERATOR	W4								A6	A10	A1
1054	WTP GENERATOR	W4								A10	A6	A1
1055	SHERMAN STATION GENERATOR	W4								A10	A6	
1056	REPLACE SECURITY CAMERAS	W7								A1	A10	
1057	INTRUSION ALARMS	W7								A10		
1058	FENCE IN LOW SERVICE STATION	W5								A10		
1059	METER WTP	M8								A1		
1060	WTP METER	M8								A6	A1	
1061	WTP METER	M8								A1	A6	
1062	WTP METER	M8								A6	A1	
1063	WTP METER	M8								A1	A6	
1064	WTP METER	M8								A1	A6	
1065	WTP METER	M8								A6	A1	
1066	REPLACE TREATMENT EQUIPMENT 2004 VINTAGE	T22								A1		
1067	REPLACE SCADA SYSTEM 2006 VINTAGE	W2								A1		
1068	REPLACE 1895 VINTAGE 500,000 GALLON STAND PIPE	S2								A1		
1069	REPLACE 1910 VINTAGE 225,000 GALLON STAND PIPE	S2								A1		
1070	REPLACE 1920 VINTAGE 720,000 GALLON RESERVOIR	S2								A1		
1071	REHAB WELL 1	R1								A1		
1072	REHAB WELL 2	R1								A1		
1073	REHAB WELL 3	R1								A1		
1074	REHAB WELL 4	R1								A1		
1075	BOOSTER STA	P2								A1		
1076	REPLACE 100 YEAR + OLD STEEL TRANSMISSION MAIN 2-1	X2								A1		
1077	REPLACE 100 YEAR + OLD STEEL TRANSMISSION MAINS	X2								A1		
1078	REPLACE 100 YEAR + UNDERSIZED STEEL DISTRIBUTION M	M1								A1		
1079	REPLACE 1964 VINTAGE PRESSURE REDUCING STATION	M6								A1		
1080	REPLACE 5/8-INCH WATER METERS	M8								A1		
1081	REPLACE 1920 VINTAGE IRON SERVICE LINES	M3								A1		
1082	REPLACE FIRE HYDRANTS 1920 VINTAGE	M4								A11		
1083	ELEVATED TANK INT/EXT INSPECTION & PAINTING	S1								A1		
1084	BECK ROAD BOOSTER STATION IMPROVEMENT	P2								A1		
1085	FIVE MILE RD BOOSTER STATION REHAB	P2								A1		
1086	FRANKLIN MEADS MILL	M1								A1		
1087	REPLACE 6-INCH LINE IN ROBERTA/ELK/LAKESIDE	M1								A1		
1088	REPLACE 8-INCH LINE IN MAXWELL	M1								A1		
1089	BECK RD PRESSURE DISTRICT SHELDON TO THORNAPPLE	M1								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1048			R	C	4A						8	23184			1/1/1900 0:00	20		
1049			R	C	4A						0.625		4884		1/1/1900 0:00	20		
1050			R	F	2B						36		2		1/1/1900 0:00	20		
1051			R	F	2B						6		6		1/1/1900 0:00	20		
1052			R	F	2B						2		113		1/1/1900 0:00	20		
1053			R	F	2B						800		1		1/1/1900 0:00	20		
1054			R	F	2B						1300		1		1/1/1900 0:00	20		
1055			N	C	2B						500		1		1/1/1900 0:00	20		
1056			R	F	4A								5		1/1/1900 0:00	20		
1057			N	C	4A								50		1/1/1900 0:00	20		
1058			N	C	4A							500			1/1/1900 0:00	20		
1059			R	F							30		1		1/1/1900 0:00	20		
1060			R	F	2B						24		2		1/1/1900 0:00	20		
1061			R	F	2B						3		2		1/1/1900 0:00	20		
1062			R	F	2B						1.5		2		1/1/1900 0:00	20		
1063			R	F	2B						20		1		1/1/1900 0:00	20		
1064			R	F	2B						10		1		1/1/1900 0:00	20		
1065			R	F	2B						4		1		1/1/1900 0:00	20		
1066			H	F	4A					2.5			1		1/1/1900 0:00	11		
1067			R	F	4A								1		1/1/1900 0:00	11		
1068			R	C	4A					0.5			1		1/1/1900 0:00	11		
1069			R	C	4A					0.225			1		1/1/1900 0:00	11		
1070			R	C	4A					0.3			1		1/1/1900 0:00	11		
1071			H	F	2E					1.1			1		1/1/1900 0:00	10	11	
1072			H	C	2E					0.4			1		1/1/1900 0:00	11	10	
1073			H	C	2E					0.4			1		1/1/1900 0:00	11	10	
1074			H	F	2E					0.4			1		1/1/1900 0:00	10	11	
1075			H	F	2E					1.1			1		1/1/1900 0:00	10		
1076			R	C	4A						24	10922.7			1/1/1900 0:00	11		
1077			R	C	4A						12	18204.4			1/1/1900 0:00	11		
1078			R	C	4A						8	15603.8			1/1/1900 0:00	11		
1079			R	C	4A						8		1		1/1/1900 0:00	11		
1080			R	F	4A						0.625		4000		1/1/1900 0:00	10	11	
1081			R	C	4A						1		600		1/1/1900 0:00	10	11	
1082			R	C	4A								14		1/1/1900 0:00	10	11	
1083			H	F	4A					1			1		1/1/1900 0:00	10		
1084			R	C	4A					2.16			1	325000	4/1/2009 0:00	3	10	
1085			H	F	4A					2.6			1		1/1/1900 0:00	10		
1086																		
1087			R	F	4A						8	1650		330915	6/1/2010 0:00	1		
1088			R	C	4A						8	2100		363000	6/1/2010 0:00	1		
1089																		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1048			100							
1049			100							
1050			100							
1051			100							
1052			100							
1053			100							
1054			100							
1055			100							
1056			304							
1057			304							
1058			100							
1059			100							
1060			100							
1061			100							
1062			100							
1063			100							
1064			100							
1065			100							
1066			244							
1067			308	326						
1068			308							
1069			308							
1070			308							
1071			100							
1072			328							
1073			328							
1074			100							
1075			100							
1076			308	214	190					
1077			214	190	308					
1078			308	190	214					
1079			308							
1080			308	340						
1081			308							
1082			298							
1083			324	308						
1084			338	324						
1085			100							
1086			216							
1087			100							
1088			100							
1089			114	216						

	A	B	C	D
1090	MI0004845	NORTHVILLE TOWNSHIP	798900	2005
1091	MI0004845	NORTHVILLE TOWNSHIP	798900	2006
1092	MI0004845	NORTHVILLE TOWNSHIP	798900	2007
1093	MI0004845	NORTHVILLE TOWNSHIP	798900	3000
1094	MI0004845	NORTHVILLE TOWNSHIP	798900	3001
1095	MI0004850	NORTON SHORES	865762	1000
1096	MI0004850	NORTON SHORES	865762	1001
1097	MI0004850	NORTON SHORES	865762	1002
1098	MI0004850	NORTON SHORES	865762	1003
1099	MI0004850	NORTON SHORES	865762	1004
1100	MI0004850	NORTON SHORES	865762	2000
1101	MI0004850	NORTON SHORES	865762	2001
1102	MI0004850	NORTON SHORES	865762	2002
1103	MI0004850	NORTON SHORES	865762	2003
1104	MI0004850	NORTON SHORES	865762	2004
1105	MI0004850	NORTON SHORES	865762	2005
1106	MI0004850	NORTON SHORES	865762	2006
1107	MI0004850	NORTON SHORES	865762	3000
1108	MI0004850	NORTON SHORES	865762	3001
1109	MI0004850	NORTON SHORES	865762	3002
1110	MI0004850	NORTON SHORES	865762	3003
1111	MI0004850	NORTON SHORES	865762	3004
1112	MI0004850	NORTON SHORES	865762	3005
1113	MI0004850	NORTON SHORES	865762	3006
1114	MI0004850	NORTON SHORES	865762	3007
1115	MI0004850	NORTON SHORES	865762	3008
1116	MI0004880	OAK PARK	607200	1000
1117	MI0004880	OAK PARK	607200	1001
1118	MI0004880	OAK PARK	607200	1002
1119	MI0004880	OAK PARK	607200	1003
1120	MI0004880	OAK PARK	607200	1004
1121	MI0004880	OAK PARK	607200	2000
1122	MI0004880	OAK PARK	607200	2001
1123	MI0004880	OAK PARK	607200	2002
1124	MI0004880	OAK PARK	607200	2003
1125	MI0004880	OAK PARK	607200	2004
1126	MI0004880	OAK PARK	607200	2005
1127	MI0004880	OAK PARK	607200	2006
1128	MI0004880	OAK PARK	607200	3000
1129	MI0004880	OAK PARK	607200	3001
1130	MI0005138	OXFORD TOWNSHIP	296736	1000
1131	MI0005138	OXFORD TOWNSHIP	296736	1001

	E	F	G	H	I	J	K	L	M	N	O	P
1090	BECK RD PRESSURE DISTRICT LOOP 12-INCH TO BECK	M1								A1		
1091	BECK RD PRESSURE DISTRICT FOX HOLLOW TO EDENBERRY	M1								A1		
1092	WATERMAIN REPLACEMENT	M1								A1		
1093	REPLACE WATER METERS	M8								A1		
1094	REPLACE WATER METERS	M8								A1		
1095	SURFACE WATER INTAKE	X1	R7							A6		
1096	MEMBRANE WTP	T14								A6		
1097	NEW ELEVATED STORAGE TANK	S1								A3	A6	
1098	BOOSTER STATION REPLACEMENT	P2								A1	A6	
1099	EXISTING STORAGE TANK REHAB	S1								A6	A1	
1100	REPLACE 4-INCH MAIN WITH 8-INCH	M1								A6	A4	A1
1101	REPLACE 6-INCH MAIN WITH 8-INCH	M1								A1	A4	A6
1102	DISTRIBUTION LOOPS 8-INCH	M1								A4	A6	
1103	OLD CAST IRON 6-INCH AND LESS REPLACE WITH 8-INCH	M1								A1	A6	
1104	NEW 8-INCH MAINS	M1								A6		
1105	NEW 12-INCH MAINS	M1								A6		
1106	FINISHED WATER TRANSMISSION	X2								A6		
1107	WATER METER REPLACEMENT	M8								A1		
1108	MASTER METER REPLACEMENT	M8								A1		
1109	NEW WTP GENERATOR	W4								A6		
1110	BOOSTER GENERATOR	W4								A1	A6	
1111	WTP SCADA SYSTEM	W2								A6		
1112	WTP FENCING	W5								A10		
1113	6-INCH MASTER METERS	M8								A1		
1114	8-INCH MASTER METER	M8								A1		
1115	12-INCH MASTER METER	M8								A1		
1116	REHAB RESERVOIR (GROUND STORAGE BELOW GRADE)	S2								A1		
1117	REHAB ELEVATED STORAGE TANK	S1								A1		
1118	REHAB BOOSTER PUMP STATION @ TEN MILE RD.	P2								A1		
1119	REHAB BOOSTER PUMP STATION AT OAK PARK BLVD.	P2								A1		
1120	REHAB BOOSTER PUMP STATION AT 8MI RD.	P2								A1		
1121	REPLACE DETERIORATED DUCTILE IRON PIPE	M1								A1		
1122	REPLACE D.I. PIPE	M1								A1		
1123	REPLACE D.I. PIPE	M1								A1		
1124	REPLACE D.I. PIPE	M1								A1		
1125	REPLACE OLD, DETERIORATED CAST IRON PIPE	M1								A1		
1126	REPLACE OLD, DETERIORATED C.I. PIPE	M1								A1		
1127	REPLACE OLD, DETERIORATED C.I. PIPE	M1								A1		
1128	HYDRANT REPAINTING	M4								A1		
1129	METER REPLACEMENT	M8								A1		
1130	DUNLAP RD WELL NO. 5	R1								A11		
1131	DUNLAP RD WELL NO. 1	R5								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1090																		
1091																		
1092			R	F	4A						8	76140			1/1/1900 0:00	10		
1093			R	C	2D						0.625		2800		1/1/1900 0:00	10	11	
1094			R	F	2D						0.625		5235		1/1/1900 0:00	10		
1095			N	F	1A	2B				30			1	12150000	3/1/2010 0:00	10	2	8
1096			N	F	1A	2B				15			1	28036400	3/1/2010 0:00	10	2	8
1097			N	C	2B					0.5			1	1300000	3/1/2010 0:00	2	10	6
1098			H	F	2B	1F				5.2			1		1/1/1900 0:00	6	10	
1099			H	F	2B					0.5			1		1/1/1900 0:00	10		
1100			R	C	2B						8	4330			1/1/1900 0:00	1	10	
1101			R	C	2B						8	2300		230000	4/1/2009 0:00	10	1	
1102			N	C	2B	1F					8	2550		270000	4/1/2009 0:00	1	10	
1103			R	F	2B						8	71000			1/1/1900 0:00	1	10	
1104			N	C	1F	2B					8	1300			1/1/1900 0:00	1	10	
1105			N	C	2B	1F					12	5300			1/1/1900 0:00	1	10	
1106			N	F	2B									260400	3/1/2010 0:00	2	10	8
1107			R	C	2D						0.75		7995		1/1/1900 0:00	10		
1108			R	C	2B						4		1		1/1/1900 0:00	10		
1109			N	F	1A	2B					1000		1		1/1/1900 0:00	10		
1110			R	F	2B						80		1		1/1/1900 0:00	10		
1111																		
1112																		
1113			R	C	2B						6		2		1/1/1900 0:00	10		
1114			R	C	2B						8		1		1/1/1900 0:00	10		
1115			R	C	2B						12		1		1/1/1900 0:00	10		
1116			H	F	4A					6			1		1/1/1900 0:00	10	2	
1117			H	F	4A					0.25			1		1/1/1900 0:00	10		
1118			H	F	4A					8.5			1		1/1/1900 0:00	10		
1119			H	F	4A					18.58			1		1/1/1900 0:00	10		
1120			H	F	4A					34.56			1		1/1/1900 0:00	10		
1121			R	F	4A						24	1300			1/1/1900 0:00	10		
1122			R	F	4A						12	10000			1/1/1900 0:00	10		
1123			R	F	4A						8	6300			1/1/1900 0:00	10		
1124			R	F	4A						6	5200			1/1/1900 0:00	10		
1125			R	F	4A						16	225			1/1/1900 0:00	10		
1126			R	F	4A						8	25600			1/1/1900 0:00	10		
1127			R	F	4A						6	12090			1/1/1900 0:00	10		
1128																		
1129			R	F	4A						0.625		10900		1/1/1900 0:00	10		
1130			R	C	4A					0.864			1	96116	4/1/2011 0:00	8	11	
1131			N	C	4A					0.864			1	4700	4/1/2011 0:00	11	8	10

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1090			114	216						
1091			216	114						
1092			416	190						
1093			100							
1094			100							
1095			326	336	332					
1096			336	332						
1097			100							
1098			244							
1099			100							
1100			100							
1101			100							
1102			100							
1103			100							
1104			100							
1105			100							
1106			348	336						
1107			344	340						
1108			278							
1109			100							
1110			100							
1111			250	100						
1112			250							
1113			280							
1114			280							
1115			280							
1116			308							
1117			100							
1118			100							
1119			100							
1120			100							
1121			100							
1122			100							
1123			100							
1124			100							
1125			100							
1126			100							
1127			100							
1128			126							
1129			100							
1130			324	336						
1131			334							

	A	B	C	D
1132	MI0005138	OXFORD TOWNSHIP	296736	1002
1133	MI0005138	OXFORD TOWNSHIP	296736	1003
1134	MI0005138	OXFORD TOWNSHIP	296736	1004
1135	MI0005138	OXFORD TOWNSHIP	296736	1005
1136	MI0005138	OXFORD TOWNSHIP	296736	1006
1137	MI0005138	OXFORD TOWNSHIP	296736	1007
1138	MI0005138	OXFORD TOWNSHIP	296736	1008
1139	MI0005138	OXFORD TOWNSHIP	296736	1009
1140	MI0005138	OXFORD TOWNSHIP	296736	1010
1141	MI0005138	OXFORD TOWNSHIP	296736	1011
1142	MI0005138	OXFORD TOWNSHIP	296736	1012
1143	MI0005138	OXFORD TOWNSHIP	296736	1013
1144	MI0005138	OXFORD TOWNSHIP	296736	1014
1145	MI0005138	OXFORD TOWNSHIP	296736	1015
1146	MI0005138	OXFORD TOWNSHIP	296736	1016
1147	MI0005138	OXFORD TOWNSHIP	296736	1017
1148	MI0005138	OXFORD TOWNSHIP	296736	1018
1149	MI0005138	OXFORD TOWNSHIP	296736	1019
1150	MI0005138	OXFORD TOWNSHIP	296736	1020
1151	MI0005138	OXFORD TOWNSHIP	296736	1021
1152	MI0005138	OXFORD TOWNSHIP	296736	1022
1153	MI0005138	OXFORD TOWNSHIP	296736	1023
1154	MI0005138	OXFORD TOWNSHIP	296736	1024
1155	MI0005138	OXFORD TOWNSHIP	296736	1025
1156	MI0005138	OXFORD TOWNSHIP	296736	1026
1157	MI0005138	OXFORD TOWNSHIP	296736	1027
1158	MI0005138	OXFORD TOWNSHIP	296736	2000
1159	MI0005138	OXFORD TOWNSHIP	296736	2001
1160	MI0005138	OXFORD TOWNSHIP	296736	2002
1161	MI0005138	OXFORD TOWNSHIP	296736	2003
1162	MI0005138	OXFORD TOWNSHIP	296736	2004
1163	MI0005138	OXFORD TOWNSHIP	296736	2005
1164	MI0005138	OXFORD TOWNSHIP	296736	2006
1165	MI0005138	OXFORD TOWNSHIP	296736	3000
1166	MI0005138	OXFORD TOWNSHIP	296736	3001
1167	MI0005138	OXFORD TOWNSHIP	296736	3002
1168	MI0005138	OXFORD TOWNSHIP	296736	3003
1169	MI0005138	OXFORD TOWNSHIP	296736	3004
1170	MI0005138	OXFORD TOWNSHIP	296736	3005
1171	MI0005138	OXFORD TOWNSHIP	296736	3006
1172	MI0005420	PLYMOUTH TWP	931395	1000
1173	MI0005420	PLYMOUTH TWP	931395	1001

	E	F	G	H	I	J	K	L	M	N	O	P
1132	DUNLAP RD WELL NO. 4	R2								A11		
1133	DUNLAP RD WELL NO. 2	R2								A11		
1134	DUNLAP RD WELL NO. 3	R2								A11		
1135	MICKELSON SHORES NO. 1	R2								A4	A1	
1136	MICKELSON SHORES NO. 2	R2								A4	A1	
1137	OXFORD WOODS NO. 1	R2								A1		
1138	OXFORD WOODS NO. 3	R1								A1		
1139	OXFORD WOODS NO. 4	R2								A1		
1140	OXFORD OAKS NO. 1	R1								A1		
1141	OXFORD OAKS NO. 3	R2								A1		
1142	LAKE VILLA NO. 1	R2								A1	A8	
1143	LAKE VILLA NO. 2	R1								A1	A8	
1144	LAKE VILLA NO. 3	R2								A8	A1	
1145	LAKE VILLA NO. 4	R2								A8	A1	
1146	LAKE VILLA HYDROPNEUMATIC TANKS	S3								A1		
1147	MICKELSON SHORES WELL HOUSE	R3								A1		
1148	REHAB RED BARN ELEVATED STORAGE TANK	S1								A1		
1149	REHAB WILDCAT ELEVATED STORAGE TANK	S1								A1		
1150	REHAB OXFORD WOODS TREATMENT PLANT(IRON/ARSENIC)	T20								A1		
1151	REHAB DUNLOP/GRANGER TREATMENT PLANT(IRON/ARSENIC)	T20								A1		
1152	REHAB EASTMARKET BOOSTER PUMP STATION	P2								A1		
1153	REHAB WATERSTONE BOOSTER PUMP STATION	P2								A1		
1154	REPLACE GENERATOR AT E. MARKET ST. BOOSTER STA	W4								A1		
1155	REPLACE GENERATOR AT WATERSTONE SUBD BOOSTER STA	W4								A1		
1156	REPLACE PORTABLE & PERMANENT GENERATORS FOR WELLS	W4								A1		
1157	REPLACE GENERATORS FOR TREATMENT PLANTS	W4								A1		
1158	DUNLAP TO RAY RD WM	M1								A11		
1159	OAKDELL TO DRAHNER RD WM	M1								A11		
1160	MANITOU LANE LOOP WM	M1								A11		
1161	LAKEVILLE RD WM	M1								A11		
1162	DUNLAP TO SANDERS RD WM	M1								A11		
1163	DUNLAP TO SANDERS RD WM	M1								A11		
1164	REPLACEMENT OF OLD, DETERIORATED ASBESTOS CEMENT W	M1								A11		
1165	METER & AMR REPLACEMENT	M8								A1		
1166	METER & AMR REPLACEMENT	M8								A1		
1167	METER & AMR REPLACEMENT	M8								A1		
1168	METER & AMR REPLACEMENT	M8								A1		
1169	METER & AMR REPLACEMENT	M8								A1		
1170	METER & AMR REPLACEMENT	M8								A1		
1171	METER & AMR REPLACEMENT	M8								A1		
1172	FIVE MILE TANK BOOSTER STATION	P2								A3		
1173	LAKEPOINT - 5 MILE STORAGE TANK REHAB	S1								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1132			R	F	4A					1.44			1		1/1/1900 0:00	8	11	10
1133			R	F	4A					0.864			1		1/1/1900 0:00	10	11	8
1134			R	F	4A					1.44			1		1/1/1900 0:00	11	10	8
1135			R	C	4A					0.288			1		1/1/1900 0:00	10	11	
1136			R	C	4A					1.152			1		1/1/1900 0:00	11	10	
1137			R	F	4A					0.648			1		1/1/1900 0:00	11	10	
1138			H	C	4A					1.152			1		1/1/1900 0:00	11	10	
1139			R	F	4A					1.05			1		1/1/1900 0:00	11	10	
1140			H	F	4A					0.576			1		1/1/1900 0:00	10	11	
1141			R	C	4A					0.392			1		1/1/1900 0:00	10	11	
1142			R	F	4A					0.432			1		1/1/1900 0:00	11	10	1
1143			H	C	4A					0.504			1		1/1/1900 0:00	1	10	11
1144			R	F	4A					0.498			1		1/1/1900 0:00	1	10	11
1145			R	C	4A					0.876			1		1/1/1900 0:00	11	1	10
1146																		
1147			R	C	4A								1		1/1/1900 0:00	10	6	11
1148			H	F	4A					0.5			1		1/1/1900 0:00	10		
1149			H	F	4A					1			1		1/1/1900 0:00	10		
1150			H	F	4A					2.81			1		1/1/1900 0:00	10		
1151			H	F	4A					5			1		1/1/1900 0:00	10		
1152			H	F	4A					3.89			1		1/1/1900 0:00	10		
1153			H	F	4A					4.18			1		1/1/1900 0:00	10		
1154			R	F	2B					180			1		1/1/1900 0:00	10		
1155			R	F	2B					100			1		1/1/1900 0:00	10		
1156			R	F	2B					125			2		1/1/1900 0:00	10		
1157			R	F	2B					215			2		1/1/1900 0:00	10		
1158			N	F	4A						16	3493			1/1/1900 0:00	1	10	11
1159																		
1160			N	F							8	1502			1/1/1900 0:00	11	1	10
1161																		
1162			N	F							12	1042			1/1/1900 0:00	10	1	11
1163			N	F							16	2940			1/1/1900 0:00	1	11	10
1164			R	F	4A						8	12500			1/1/1900 0:00	10		
1165			R	F							0.625		174		1/1/1900 0:00	11	10	
1166			R	F							1		2193		1/1/1900 0:00	11	10	
1167			R	F							1.5		19		1/1/1900 0:00	11	10	
1168			R	F							2		3		1/1/1900 0:00	10	11	
1169			R	F							3		2		1/1/1900 0:00	11	10	
1170			R	F							4		4		1/1/1900 0:00	11	10	
1171			R	F							6		1		1/1/1900 0:00	10	11	
1172																		
1173			H	C	4A					1			1	75000	7/1/2010 0:00	10	1	

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1132			244							
1133			244							
1134			244							
1135			244							
1136			244							
1137			244							
1138			100							
1139			244							
1140			100							
1141			244							
1142			180	400	402					
1143			400	180						
1144			402	180	400					
1145			402	180	400					
1146			180							
1147			100							
1148			100							
1149			100							
1150			100							
1151			100							
1152			100							
1153			100							
1154			100							
1155			100							
1156			100							
1157			100							
1158			100							
1159			114	118						
1160			100							
1161			412	180	114					
1162			100							
1163			100							
1164			100							
1165			100							
1166			100							
1167			100							
1168			100							
1169			100							
1170			100							
1171			100							
1172			216							
1173			100							

	A	B	C	D
1174	MI0005420	PLYMOUTH TWP	931395	1002
1175	MI0005420	PLYMOUTH TWP	931395	2000
1176	MI0005420	PLYMOUTH TWP	931395	2003
1177	MI0005420	PLYMOUTH TWP	931395	2004
1178	MI0005420	PLYMOUTH TWP	931395	2005
1179	MI0005420	PLYMOUTH TWP	931395	2006
1180	MI0005420	PLYMOUTH TWP	931395	3000
1181	MI0005420	PLYMOUTH TWP	931395	3001
1182	MI0005420	PLYMOUTH TWP	931395	3002
1183	MI0005420	PLYMOUTH TWP	931395	3003
1184	MI0005420	PLYMOUTH TWP	931395	3004
1185	MI0005420	PLYMOUTH TWP	931395	3005
1186	MI0005420	PLYMOUTH TWP	931395	3006
1187	MI0005420	PLYMOUTH TWP	931395	3007
1188	MI0005420	PLYMOUTH TWP	931395	3008
1189	MI0005420	PLYMOUTH TWP	931395	3009
1190	MI0005420	PLYMOUTH TWP	931395	3010
1191	MI0005420	PLYMOUTH TWP	931395	3011
1192	MI0005480	PORT HURON	869404	1000
1193	MI0005480	PORT HURON	869404	1001
1194	MI0005480	PORT HURON	869404	1002
1195	MI0005480	PORT HURON	869404	1003
1196	MI0005480	PORT HURON	869404	1004
1197	MI0005480	PORT HURON	869404	1005
1198	MI0005480	PORT HURON	869404	2000
1199	MI0005480	PORT HURON	869404	2001
1200	MI0005480	PORT HURON	869404	2002
1201	MI0005480	PORT HURON	869404	2003
1202	MI0005480	PORT HURON	869404	2004
1203	MI0005480	PORT HURON	869404	2005
1204	MI0005480	PORT HURON	869404	2006
1205	MI0005480	PORT HURON	869404	2007
1206	MI0005480	PORT HURON	869404	2008
1207	MI0005480	PORT HURON	869404	2009
1208	MI0005480	PORT HURON	869404	2010
1209	MI0005480	PORT HURON	869404	2011
1210	MI0005480	PORT HURON	869404	2012
1211	MI0005480	PORT HURON	869404	2013
1212	MI0005480	PORT HURON	869404	2014
1213	MI0005480	PORT HURON	869404	2015
1214	MI0005480	PORT HURON	869404	2016
1215	MI0005480	PORT HURON	869404	2017

	E	F	G	H	I	J	K	L	M	N	O	P
1174	HAGGERTY RD STORAGE TANK REHAB	S1								A1		
1175	N. TERR PRV STA DEMO & PRESSURE PRV DISTRICT LOOPI	M1								A4	A2	
1176	BRADNER AVE WATERMAIN INSTALLATION WM	M1								A1		
1177	RIVERSIDE DR WATERMAIN REPLACEMENT WM	M1								A1		
1178	PLYMOUTH COLONY SUBDIVISION WM	M1								A1		
1179	WM REPLACEMENT	M1								A1		
1180	3/4 X 5/8 METERS	M8								A1		
1181	1-INCH METERS	M8								A1		
1182	1 1/2-INCH METERS	M8								A1		
1183	2-INCH METERS	M8								A1		
1184	3-INCH METERS	M8								A1		
1185	4-INCH METERS	M8								A1		
1186	6-INCH METERS	M8								A1		
1187	8-INCH METERS	M8								A1		
1188	10-INCH METERS	M8								A1		
1189	REPLACEMENT OF REMAINING CUSTOMER METERS	M8								A1		
1190	RIDGE RD WATER METER ENHANCEMENT	M8								A2	A4	
1191	NORTHVILLE RD PRV FLOW RECORDER	M6								A11		
1192	REHAB TREATMENT PLANT	T10								A1		
1193	REPLACE GENERATOR AT TREATMENT PLANT	W4	T99							A1		
1194	REHAB BOOSTER STATION	P2								A1		
1195	REHAB 1.0 MG ELEV. STORAGE	S1								A1		
1196	REHAB 0.5 MG ELEV. STORAGE	S1								A1		
1197	REHAB 1.5 MG GROUND STORAGE	S2								A1		
1198	GLENWOOD AREA MAIN REPLACEMENT	M1								A1	A6	
1199	GRATIOT AVENUE MAIN REPLACEMENT	M1								A1	A6	
1200	HARKER AREA MAIN REPLACEMENT	M1								A1	A6	
1201	8TH, 9TH, 13TH, 18TH, PINE BEARD & VANDERBURG MAIN	M1								A1	A6	
1202	NORTH & SOUTH BLVD MAIN REPLACEMENT	M1								A1	A6	
1203	MONTICELLO AREA MAIN REPLACEMENT	M1								A6	A1	
1204	RIVERSIDE DRIVE II & III MAIN REPLACEMENT	M1								A6	A1	
1205	NERN AREA MAIN REPLACEMENT	M1								A1		
1206	10TH AVENUE EXT. MAIN REPLACEMENT	M1								A1	A6	
1207	20TH AVENUE AREA MAIN REPLACEMENT	M1								A1	A6	
1208	ARMOR STREET AREA MAIN REPLACEMENT	M1								A6	A1	
1209	COURT STREET MAIN REPLACEMENT	M1								A6	A1	
1210	ELK & POPLAR AREA MAIN REPLACEMENT	M1								A1	A6	
1211	FOREST AREA MAIN REPLACEMENT	M1								A6	A1	
1212	SANBORN STREET MAIN REPLACEMENT	M1								A1	A6	
1213	STONE STREET MAIN REPLACEMENT	M1								A6	A1	
1214	WATER STREET MAIN REPLACEMENT	X2								A6	A1	
1215	WILBUR STREET AREA MAIN REPLACEMENT	M1								A6	A1	

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1174			H	F	4A					0.4			1		1/1/1900 0:00	10		
1175																		
1176			R	C	4A						8	250		43000	7/1/2010 0:00	1	10	
1177			R	C	4A						8	1100		306000	7/1/2010 0:00	1	10	
1178			R	C	4A						8	1300		230000	7/1/2010 0:00	10	1	
1179			R	C	4A						8	90490			1/1/1900 0:00	10		
1180			R	C	2D						0.75		2284		1/1/1900 0:00	11		
1181			R	C	2D						1		612		1/1/1900 0:00	11		
1182			R	C	2D						1.5		133		1/1/1900 0:00	11		
1183			R	C	2D						2		102		1/1/1900 0:00	11		
1184			R	C	2D						3		25		1/1/1900 0:00	11		
1185			R	C	2D						4		15		1/1/1900 0:00	11		
1186			R	C	2D						6		4		1/1/1900 0:00	11		
1187			R	C	2D						8		3		1/1/1900 0:00	11		
1188			R	C	2D						10		1		1/1/1900 0:00	11		
1189			R	F	2D						0.75		6442		1/1/1900 0:00	10		
1190																		
1191			N	C							20			25000	7/1/2010 0:00	1	10	
1192			H	F						30			1		1/1/1900 0:00	6		
1193			R	F						750			1		1/1/1900 0:00	6		
1194																		
1195			H	F						1			1		1/1/1900 0:00	6		
1196			H	F						0.5			1		1/1/1900 0:00	6		
1197			H	F						1.5			1		1/1/1900 0:00	6		
1198			R	C	1D						8	2587			1/1/1900 0:00	2		
1199			R	C	1D						8	9240			1/1/1900 0:00	2		
1200			R	C	1D						12	3694			1/1/1900 0:00	2		
1201			R	C	1D						10	528			1/1/1900 0:00	2		
1202			R	C	1D						8	4912			1/1/1900 0:00	2		
1203			R	C	1D						8	6914			1/1/1900 0:00	2		
1204			R	C	1D						12	2852			1/1/1900 0:00	2		
1205			R	C							8	8653			1/1/1900 0:00	2		
1206			R	C	1D						12	1426			1/1/1900 0:00	2		
1207			R	C	1D						8	10190			1/1/1900 0:00	2		
1208			R	C	1D						8	4963			1/1/1900 0:00	2		
1209			R	C	1D						8	2269			1/1/1900 0:00	2		
1210			R	C	1D						8	11879			1/1/1900 0:00	2		
1211			R	C	1D						8	10018			1/1/1900 0:00	2		
1212			R	C	1D						8	3590			1/1/1900 0:00	2		
1213			R	C	1D						8	844			1/1/1900 0:00	2		
1214			R	C	1D						8	2270			1/1/1900 0:00	2		
1215			R	C	1D						8	3911			1/1/1900 0:00	2		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1174			100							
1175			326	144	216					
1176			100							
1177			100							
1178			100							
1179			100							
1180			308							
1181			308							
1182			308							
1183			308							
1184			308							
1185			308							
1186			308							
1187			308							
1188			308							
1189			308							
1190			216							
1191			100							
1192			100							
1193			324							
1194			200							
1195			324							
1196			324							
1197			324							
1198			324	334	332	308				
1199			332	334	324	308				
1200			334	332	278	308	324			
1201			332	278	308	334	324			
1202			332	324	308	334				
1203			332	334	324	308				
1204			332	308	334	324				
1205			308	278	324					
1206			334	308	332	324				
1207			324	332	334	308				
1208			324	308	332	334				
1209			324	334	308	332				
1210			332	308	334	278	324			
1211			324	308	334	332				
1212			332	324	334	308				
1213			278	324	332	308	334			
1214			332	278	324	308	334			
1215			324	334	332	308				

	A	B	C	D
1216	MI0005480	PORT HURON	869404	2018
1217	MI0005480	PORT HURON	869404	2019
1218	MI0005480	PORT HURON	869404	2020
1219	MI0005480	PORT HURON	869404	2021
1220	MI0005480	PORT HURON	869404	2022
1221	MI0005480	PORT HURON	869404	2023
1222	MI0005480	PORT HURON	869404	2024
1223	MI0005480	PORT HURON	869404	2025
1224	MI0005480	PORT HURON	869404	2026
1225	MI0005480	PORT HURON	869404	3000
1226	MI0005670	RICHMOND	185725	1000
1227	MI0005670	RICHMOND	185725	1002
1228	MI0005670	RICHMOND	185725	1003
1229	MI0005670	RICHMOND	185725	1004
1230	MI0005670	RICHMOND	185725	1005
1231	MI0005670	RICHMOND	185725	1006
1232	MI0005670	RICHMOND	185725	1007
1233	MI0005670	RICHMOND	185725	1008
1234	MI0005670	RICHMOND	185725	1009
1235	MI0005670	RICHMOND	185725	1010
1236	MI0005670	RICHMOND	185725	1011
1237	MI0005670	RICHMOND	185725	1012
1238	MI0005670	RICHMOND	185725	1013
1239	MI0005670	RICHMOND	185725	1014
1240	MI0005670	RICHMOND	185725	1015
1241	MI0005670	RICHMOND	185725	1016
1242	MI0005670	RICHMOND	185725	1017
1243	MI0005670	RICHMOND	185725	2000
1244	MI0005670	RICHMOND	185725	2001
1245	MI0005670	RICHMOND	185725	2002
1246	MI0005670	RICHMOND	185725	2003
1247	MI0005670	RICHMOND	185725	2004
1248	MI0005670	RICHMOND	185725	2005
1249	MI0005670	RICHMOND	185725	2006
1250	MI0005670	RICHMOND	185725	3000
1251	MI0005670	RICHMOND	185725	3001
1252	MI0005670	RICHMOND	185725	3002
1253	MI0005670	RICHMOND	185725	3003
1254	MI0005670	RICHMOND	185725	3004
1255	MI0005670	RICHMOND	185725	3005
1256	MI0005670	RICHMOND	185725	3006
1257	MI0005670	RICHMOND	185725	3007

	E	F	G	H	I	J	K	L	M	N	O	P
1216	FROM #2002	M1								A1	A6	
1217	FROM #2003	M1								A1	A6	
1218	FROM #2007	M1								A1		
1219	FROM #2007	M1								A1		
1220	FROM #2012	M1								A1	A6	
1221	FROM #2012	M1								A6	A1	
1222	FROM #2012	M1								A6	A1	
1223	FROM #2015	M1								A1	A6	
1224	FROM #2016	M1								A6	A1	
1225	REPLACE WATERMETERS	M8								A1		
1226	REPLACEMENT OF CHEMICAL FEED PUMPS	T35								A1		
1227	REHABILITATION OF STORAGE TANK	S1								A1		
1228	REHAB WELL PUMP 3A	R2								A1		
1229	REHAB WELL PUMP 4A	R2								A1		
1230	REHAB WELL PUMP 8	R2								A1		
1231	REHAB WELL PUMP 9	R2								A1		
1232	REHAB WELL PUMP 10	R2								A1		
1233	REHAB WELL PUMP 11	R2								A1		
1234	REHAB WELL PUMP 14	R2								A1		
1235	REHAB ARSENIC PT 3/4	T20								A1		
1236	REHAB ARSENIC PT 10	T20								A1		
1237	CHEM. TREATMENT @ 8	T22								A1		
1238	CHEM. TREATMENT @ 9	T22								A1		
1239	CHEM. TREATMENT @ 11	T22								A1		
1240	CHEM. TREATMENT @ 14	T22								A1		
1241	REPLACE GENERATORS 9 & 14	W4								A1		
1242	REPLACE GENERATOR 11	W4								A1		
1243	REPLACE POUND ROAD WATER MAIN	M1								A2	A1	
1244	REPLACE GROVE STREET WATER MAIN	M1								A1		
1245	REPLACE OAK STREET WATER MAIN	M1								A1		
1246	REPLACE GLEASON STREET WATER MAIN	M1								A1		
1247	REPLACE PARK STREET WATER MAIN	M1								A1		
1248	REPLACE PARKER STREET WATER MAIN	M1								A1		
1249	REPLACE CAST IRON WATER MAIN WITH DUCTILE IRON	M1								A1		
1250	REPLACEMENT OF METERS	M8								A1		
1251	REPLACE 3/4 METERS	M8								A1		
1252	REPLACE 1 INCH METERS	M8								A1		
1253	REPLACE 1.5 INCH METERS	M8								A1		
1254	REPLACE 2 INCH METERS	M8								A1		
1255	REPLACE 3 INCH METERS	M8								A1		
1256	REPLACE 4 INCH METERS	M8								A1		
1257	REPLACE 6 INCH METERS	M8								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1216			R	C	1D						8	5964			1/1/1900 0:00	2		
1217			R	C	1D						8	6494			1/1/1900 0:00	2		
1218			R	C							10	2007			1/1/1900 0:00	2		
1219			R	C							16	1636			1/1/1900 0:00	2		
1220			R	C	1D						10	898			1/1/1900 0:00	2		
1221			R	C	1D						12	2638			1/1/1900 0:00	2		
1222			R	C	1D						20	792			1/1/1900 0:00	2		
1223			R	C	1D						10	422			1/1/1900 0:00	2		
1224			R	C	1D						16	1531			1/1/1900 0:00	2		
1225			R	F	4A						0.75		12583		1/1/1900 0:00	6		
1226																		
1227			H	F	4A					0.4			1		1/1/1900 0:00	10		
1228			H	F						0.3			1		1/1/1900 0:00	10		
1229			H	F						0.3			1		1/1/1900 0:00	10		
1230			H	F						0.16			1		1/1/1900 0:00	10		
1231			H	F						0.42			1		1/1/1900 0:00	10		
1232			H	F						0.35			1		1/1/1900 0:00	10		
1233			H	F						0.72			1		1/1/1900 0:00	10		
1234			H	F						0.43			1		1/1/1900 0:00	10		
1235			H	F						0.3			1		1/1/1900 0:00	10		
1236			H	F						0.3			1		1/1/1900 0:00	10		
1237			H	F						0.16			1		1/1/1900 0:00	10		
1238			H	F						0.42			1		1/1/1900 0:00	10		
1239			H	F						0.72			1		1/1/1900 0:00	10		
1240			H	F						0.43			1		1/1/1900 0:00	10		
1241			R	F						0.42			2		1/1/1900 0:00	10		
1242			R	F						0.68			1		1/1/1900 0:00	10		
1243			R	C	4A						12	3100		438045	1/1/2008 0:00	4	11	
1244			R	C	4A						12	1500		192755	2/1/2010 0:00	11	4	
1245			R	C	4A						8	798		104841	3/1/2010 0:00	11	4	
1246			R	C	4A						12	400		56805	3/1/2010 0:00	4	11	
1247			R	C	4A							1500		173597	3/1/2010 0:00	4	11	
1248			R	C	4A						8	451		63573	3/1/2010 0:00	1	11	
1249			R	F	4A						8	9673			1/1/1900 0:00	10		
1250			R	F	4A						0.625		1941		1/1/1900 0:00	10		
1251			R	F	4A						0.75		7		1/1/1900 0:00	10		
1252			R	F	4A						1		324		1/1/1900 0:00	10		
1253			R	F	4A						1.5		23		1/1/1900 0:00	10		
1254			R	F	4A						2		32		1/1/1900 0:00	10		
1255			R	F	4A						3		4		1/1/1900 0:00	10		
1256			R	F	4A						4		5		1/1/1900 0:00	10		
1257			R	F	4A						6		2		1/1/1900 0:00	10		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1216			280							
1217			280							
1218			280							
1219			280							
1220			280							
1221			280							
1222			280							
1223			280							
1224			280							
1225			324							
1226			262							
1227			100							
1228			100							
1229			100							
1230			100							
1231			100							
1232			100							
1233			100							
1234			100							
1235			326							
1236			326							
1237			244	214						
1238			214	244						
1239			244	214						
1240			214	244						
1241			100							
1242			100							
1243			324	330						
1244			324	330	340					
1245			330	324	336					
1246			330	324						
1247			324	348	330					
1248			324	330	336					
1249			344							
1250			100							
1251			100							
1252			100							
1253			100							
1254			100							
1255			100							
1256			100							
1257			100							

	A	B	C	D
1258	MI0005710	RIVERVIEW	279297	2000
1259	MI0005710	RIVERVIEW	279297	2001
1260	MI0005710	RIVERVIEW	279297	2002
1261	MI0005710	RIVERVIEW	279297	2003
1262	MI0005710	RIVERVIEW	279297	2004
1263	MI0005710	RIVERVIEW	279297	2005
1264	MI0005710	RIVERVIEW	279297	2006
1265	MI0005710	RIVERVIEW	279297	2007
1266	MI0005710	RIVERVIEW	279297	2008
1267	MI0005710	RIVERVIEW	279297	2009
1268	MI0005710	RIVERVIEW	279297	2010
1269	MI0005710	RIVERVIEW	279297	2011
1270	MI0005710	RIVERVIEW	279297	2012
1271	MI0005710	RIVERVIEW	279297	2013
1272	MI0005710	RIVERVIEW	279297	2014
1273	MI0005710	RIVERVIEW	279297	2015
1274	MI0005710	RIVERVIEW	279297	3000
1275	MI0005710	RIVERVIEW	279297	3001
1276	MI0005785	ROMULUS	1056000	2000
1277	MI0005785	ROMULUS	1056000	2001
1278	MI0005785	ROMULUS	1056000	2002
1279	MI0005785	ROMULUS	1056000	2003
1280	MI0005785	ROMULUS	1056000	2004
1281	MI0005785	ROMULUS	1056000	2005
1282	MI0005785	ROMULUS	1056000	2006
1283	MI0005785	ROMULUS	1056000	2007
1284	MI0005785	ROMULUS	1056000	2008
1285	MI0005785	ROMULUS	1056000	2009
1286	MI0005785	ROMULUS	1056000	2010
1287	MI0005785	ROMULUS	1056000	2011
1288	MI0005785	ROMULUS	1056000	2012
1289	MI0005785	ROMULUS	1056000	3000
1290	MI0005850	SAGINAW, CITY OF	2112000	1000
1291	MI0005850	SAGINAW, CITY OF	2112000	1001
1292	MI0005850	SAGINAW, CITY OF	2112000	1002
1293	MI0005850	SAGINAW, CITY OF	2112000	1003
1294	MI0005850	SAGINAW, CITY OF	2112000	1004
1295	MI0005850	SAGINAW, CITY OF	2112000	1007
1296	MI0005850	SAGINAW, CITY OF	2112000	1008
1297	MI0005850	SAGINAW, CITY OF	2112000	1009
1298	MI0005850	SAGINAW, CITY OF	2112000	1013
1299	MI0005850	SAGINAW, CITY OF	2112000	1018

	E	F	G	H	I	J	K	L	M	N	O	P
1258	WILLIAMSBURG REPLACE 6-INCH WITH 8-	M1								A1		
1259	LONGSDORF REPLACE 6-INCH WITH 8-INCH	M1								A1		
1260	MARSHA REPLACE 8-INCH	M1								A1		
1261	KOESTER S OF LONGSDORF REPLACE 8-INCH	M1								A1		
1262	HINTON S OF LONGSDORF REPLACE 8-INCH	M1								A1		
1263	CUL-DE-SAC REDUNDANCY TO STONEHAM CT	M1								A4		
1264	WEST END CONNECT @ FOXGLEN	M1								A4		
1265	CUL-DE-SAC CONNECT TO STONEHAM CT	M1								A4		
1266	HOMEISTER CT CONNECT TO RIVERGREE APT	M1								A4		
1267	JOHAN CT CONNECT TO LONGSDORF	M1								A4		
1268	S WENDY CT CONNECT @ QUARRY	M1								A4		
1269	KING RD LOOP TO WEST SIDE OF LANDFILL	M1								A4		
1270	CUL-DE-SAC CONNECT TO SIBLEY	M1								A4		
1271	CUL-DE-SAC CONNECT TO ROYAL WOODS	M1								A4		
1272	CUL-DE-SAC CONNECT TO KING RD	M1								A4		
1273	WATERMAIN REPLACEMENT 8-INCH	M1								A1		
1274	REPLACE METERS C/I	M8								A1		
1275	REPLACE METERS C/I	M8								A1		
1276	MIDDLEBELT RD. WM REPLACEMENT (I-94)	M1								A4		
1277	ATLAS & WASHINGTON WM (WAYNE TO ELONSE)	M1								A4		
1278	HENOUX RD. WM (DEAD END TO HURON RIVER)	M1								A4		
1279	PENNSYLVANIA RD. WM (WAHRMAN TO WAYNE)	M1								A4		
1280	EUREKA RD. WM (VINING TO MERRIMAN)	M1								A4		
1281	COGSWELL RD. WM (WADE TO WABASH)	M1								A1		
1282	SUPERIOR RD. WM (HANNAN TO COGSWELL)	M1								A1		
1283	MIDDLEBELT RD. WM (GODDARD TO WICK)	M1								A1		
1284	EDMUND CARNEGIE, COLUMBUS WM	M1								A1		
1285	CORDELL WM	M1								A1		
1286	MCBRIDE WM	M1								A1		
1287	HERMAN WM (TOBINE TO WAYNE)	M1								A1		
1288	REPLACE WATERMAIN THROUGHOUT CITY	M1								A1		
1289	REPLACE METERS	M8								A1		
1290	VARIABLE SPEED RAW WATER PUMP 2100 GPM -	P2								A7	A2	A6
1291	KOCHVILLE STATION BLENDING UPGRADES	R9								A2	A7	
1292	PARALLEL RAW WATER PIPELINE, KOCHVILLE	X1								A6	A2	A7
1293	KOCHVILLE STATION REPAIR PIPING CORROSION	M99	W10							A1		
1294	BOOSTER STATIONS PORTABLE GENERATOR &	W4								A10		
1295	NEW AQUA BOOSTER STATION	P2								A2	A4	A1
1296	NORTH ELEVATED TOWER	S1								A4	A3	
1297	SOUTH EAST ELEVATED TOWER	S1								A3	A4	
1298	DIXIE HIGHWAY BOOSTER STATION IMPROVEMENTS	P1								A4		
1299	REHAB REIMER RD PUMP STA	P2								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1258			R	C	4A						8	1570		157000	1/1/2005 0:00	1	20	
1259			R	C	4A						8	2830		283000	1/1/2005 0:00	20	1	
1260			R	C	4A						8	1900		190000	1/1/2005 0:00	1	20	
1261			R	C	4A						8	2650		265000	1/1/2005 0:00	1	20	
1262			R	C	4A						8	2620		262000	1/1/2005 0:00	1	20	
1263			N	C	4A						6	245		23500	1/1/2005 0:00	20	1	10
1264			N	C	4A						6	1950		185500	1/1/2005 0:00	10	20	1
1265			N	C	4A						6	375		36000	1/1/2005 0:00	20	10	1
1266			N	C	4A						6	1070		101500	1/1/2005 0:00	1	10	20
1267			N	C	4A						6	215		20500	1/1/2005 0:00	20	1	10
1268			N	C	4A						6	215		20500	1/1/2005 0:00	20	10	1
1269			N	C	4A						6	960		91500	1/1/2005 0:00	10	1	20
1270			N	C	4A						6	75		7500	1/1/2005 0:00	1	10	20
1271			N	C	4A						6	320		30500	1/1/2005 0:00	1	20	10
1272			N	C	4A						6	640		61000	1/1/2005 0:00	1	10	20
1273			R	C	4A						8	10265			1/1/1900 0:00	10		
1274			R	F	4A						0.75		4070		1/1/1900 0:00	20	10	
1275			R	F	4A						1		500		1/1/1900 0:00	10	20	
1276			N	C	4A						12	200		800000	10/1/2010 0:00	10	1	
1277			R	C	4A						8	1200		400000	10/1/2010 0:00	10	1	
1278			N	C	4A						8	700		200000	10/1/2010 0:00	1	10	
1279			N	C	4A						12	3600		1000000	10/1/2010 0:00	10	1	
1280			N	C	4A						12	4800		1250000	10/1/2010 0:00	10	1	
1281			R	C	4A						12	3300		1500000	10/1/2010 0:00	10	1	
1282			R	C	4A						12	2800		1000000	10/1/2010 0:00	1	10	
1283			R	C	4A						12	5200		1000000	10/1/2010 0:00	10	1	
1284			R	C	4A						8	3200		1500000	10/1/2010 0:00	1	10	
1285			R	C	4A						8	1300		250000	10/1/2010 0:00	1	10	
1286			R	C	4A						12	1500		500000	10/1/2010 0:00	1	10	
1287			R	C	4A						12	1500		500000	10/1/2010 0:00	10	1	
1288			R	C	4A						8	85600			1/1/1900 0:00	1	10	
1289			R	F							1		6700		1/1/1900 0:00	1	10	
1290			H	C	1A								1	2100000	6/1/2007 0:00	20		
1291																		
1292			N	C	2A	1A					48	62000		17000000	9/1/2001 0:00	20		
1293			R	C										100000	7/1/2010 0:00	11	1	
1294			N	C						400			1	163000	6/1/2007 0:00	2	11	
1295																		
1296			N	C	2B	2D				1			1	2000000	8/1/2009 0:00	1	11	
1297			N	C	2D	2B				1			1	2000000	8/1/2009 0:00	1	11	
1298			N	C	2B					5			1		1/1/1900 0:00	1	11	
1299			H	F	4A					6.5			1		1/1/1900 0:00	10		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1258			340							
1259			100							
1260			100							
1261			100							
1262			100							
1263			100							
1264			100							
1265			100							
1266			100							
1267			100							
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1282			100							
1283			100							
1284			100							
1285			100							
1286			100							
1287			100							
1288			190	308						
1289			324	328						
1290			328							
1291			216							
1292			100							
1293			328	326	324					
1294			324							
1295			114							
1296			324	334						
1297			334	324						
1298			344	326	334	324	308			
1299			100							

	A	B	C	D
1300	MI0005850	SAGINAW, CITY OF	2112000	1019
1301	MI0005850	SAGINAW, CITY OF	2112000	1020
1302	MI0005850	SAGINAW, CITY OF	2112000	1021
1303	MI0005850	SAGINAW, CITY OF	2112000	1022
1304	MI0005850	SAGINAW, CITY OF	2112000	1023
1305	MI0005850	SAGINAW, CITY OF	2112000	1024
1306	MI0005850	SAGINAW, CITY OF	2112000	1025
1307	MI0005850	SAGINAW, CITY OF	2112000	1026
1308	MI0005850	SAGINAW, CITY OF	2112000	1027
1309	MI0005850	SAGINAW, CITY OF	2112000	1028
1310	MI0005850	SAGINAW, CITY OF	2112000	2002
1311	MI0005850	SAGINAW, CITY OF	2112000	2003
1312	MI0005850	SAGINAW, CITY OF	2112000	2005
1313	MI0005850	SAGINAW, CITY OF	2112000	2006
1314	MI0005850	SAGINAW, CITY OF	2112000	2007
1315	MI0005850	SAGINAW, CITY OF	2112000	2009
1316	MI0005850	SAGINAW, CITY OF	2112000	2010
1317	MI0005850	SAGINAW, CITY OF	2112000	2011
1318	MI0005850	SAGINAW, CITY OF	2112000	2012
1319	MI0005850	SAGINAW, CITY OF	2112000	2013
1320	MI0005850	SAGINAW, CITY OF	2112000	2014
1321	MI0005850	SAGINAW, CITY OF	2112000	2015
1322	MI0005850	SAGINAW, CITY OF	2112000	2016
1323	MI0005850	SAGINAW, CITY OF	2112000	2017
1324	MI0005850	SAGINAW, CITY OF	2112000	2018
1325	MI0005850	SAGINAW, CITY OF	2112000	2019
1326	MI0005850	SAGINAW, CITY OF	2112000	2021
1327	MI0005850	SAGINAW, CITY OF	2112000	2022
1328	MI0005850	SAGINAW, CITY OF	2112000	2023
1329	MI0005850	SAGINAW, CITY OF	2112000	2024
1330	MI0005850	SAGINAW, CITY OF	2112000	2025
1331	MI0005850	SAGINAW, CITY OF	2112000	2026
1332	MI0005850	SAGINAW, CITY OF	2112000	2028
1333	MI0005850	SAGINAW, CITY OF	2112000	2029
1334	MI0005850	SAGINAW, CITY OF	2112000	2030
1335	MI0005850	SAGINAW, CITY OF	2112000	2031
1336	MI0005850	SAGINAW, CITY OF	2112000	2032
1337	MI0005850	SAGINAW, CITY OF	2112000	2033
1338	MI0005850	SAGINAW, CITY OF	2112000	2034
1339	MI0005850	SAGINAW, CITY OF	2112000	2035
1340	MI0005850	SAGINAW, CITY OF	2112000	2037
1341	MI0005850	SAGINAW, CITY OF	2112000	2038

	E	F	G	H	I	J	K	L	M	N	O	P
1300	REHAB WADSWORTH RD PUMP STA.	P2								A1		
1301	REHAB FREELAND RD BOOSTER STATION	P2								A1		
1302	REHAB GRATIOT RD BOOSTER STATION	P2								A1		
1303	REHAB AQUA PL. STORAGE TANK	S2								A1		
1304	REHAB GRATIOT RD STORAGE TANK	S2								A1		
1305	REPLACE GATEHOUSE PIPING	T46								A11		
1306	SHERIDAN RD. BOOSTER STATION	S1	P2							A4		
1307	HIGH SERVICE PUMP #6 REPLACEMENT	P1								A11		
1308	20 MGD MEMBRANE FILTER EXPANSION	T14								A4	A2	
1309	REHAB EXISTING 52 MGD WATER PLANT	T10								A6	A1	
1310	FAYETTE (AREA)	M1								A1		
1311	BROWN (AREA)	M1								A1		
1312	MACKINAW	M1	X2							A1		
1313	BAY	M1								A1		
1314	W. GENESEE	M1								A1		
1315	JANES	M1								A1		
1316	DIXIE	X2								A1		
1317	STATE ST.	M1								A1		
1318	GRATIOT	M1								A1		
1319	ADAMS	M1								A1		
1320	CAROLINA	M1								A1		
1321	BENJAMIN	M1								A1		
1322	EIGHTH	M1								A1		
1323	SEARS	M1								A1		
1324	JEFFERSON	M1								A1		
1325	WEBBER	M1								A1		
1326	CRONK	M1								A1		
1327	SHERIDAN	M1								A1		
1328	LAPEER	M1								A1		
1329	NIAGARA	X2								A1		
1330	W. MICHIGAN	M1								A1		
1331	HOWARD	M1								A1		
1332	MICHIGAN AVE	M1								A1		
1333	PAVE PROJECT	M1								A1		
1334	2ND ST. AREA	M1								A1		
1335	HANCHETT ST. AREA	M1								A1		
1336	PAVING PROJECT	M1								A1		
1337	OUT CITY 36-INCH	X2								A1		
1338	BAUM ST. AREA	M1								A1		
1339	7TH ST AREA	M1								A1		
1340	ANNESLEY ST. AREA	M1								A1		
1341	STATE ST. AREA	M1								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1300			H	F	4A					1.9			1		1/1/1900 0:00	10		
1301			H	F	4A					1.9			1		1/1/1900 0:00	10		
1302			H	F	4A					27			1		1/1/1900 0:00	10		
1303			H	C	4A					4			1		1/1/1900 0:00	10		
1304			H	F	4A					2.5			1		1/1/1900 0:00	10		
1305																		
1306			N	C	2B	4A							1	3700000	11/1/2001 0:00	20		
1307																		
1308																		
1309			R	F	1B	1A				52			1		1/1/1900 0:00	10		
1310			H	C							8	13548		2100000	6/1/2002 0:00	20		
1311			R	C							8	16129		2500000	6/1/2002 0:00	20		
1312			R	C										3000000	6/1/2002 0:00	20		
1313			R	C							8	6450		1000000	6/1/2002 0:00	20		
1314			R	C							8	1000		150000	6/1/2002 0:00	20		
1315			R	C							12	7500		1500000	6/1/2002 0:00	20		
1316			R	C							24	10000		2500000	6/1/2002 0:00	20		
1317			R	C							8	13000		2000000	6/1/2002 0:00	20		
1318			R	C							12	5000		1000000	6/1/2002 0:00	20		
1319			R	C							8	2700		420000	6/1/2002 0:00	20		
1320			R	C							8	5000		768000	6/1/2002 0:00	20		
1321			R	C							8	4000		600000	6/1/2002 0:00	20		
1322			R	C							12	4000		800000	6/1/2002 0:00	20		
1323			R	C							8	650		96000	6/1/2002 0:00	20		
1324			R	C										800000	6/1/2002 0:00	20		
1325			R	C							16	7000		1400000	6/1/2002 0:00	20		
1326			R	C							8	7800		1200000	6/1/2002 0:00	20		
1327			R	C							8	3300		500000	6/1/2002 0:00	20		
1328			R	C							12	8125		1625000	6/1/2002 0:00	20		
1329			R	C							24	5000		1000000	6/1/2002 0:00	20		
1330			R	C							8	4032		625000	6/1/2002 0:00	20		
1331			R	C							8	4032		625000	6/1/2002 0:00	20		
1332			R	C							12	10000		2000000	6/1/2002 0:00	20		
1333			R	C							8	10000		1500000	6/1/2002 0:00	20		
1334			R	C							8	20000		3000000	6/1/2002 0:00	20		
1335			R	C							8	8200		1275000	6/1/2002 0:00	20		
1336			R	C							8	10000		1500000	6/1/2002 0:00	20		
1337			R	C							36	63360		12000000	6/1/2002 0:00	20		
1338			R	C							8	6450		1000000	6/1/2002 0:00	20		
1339			R	C							8	8400		1300000	6/1/2002 0:00	20		
1340			R	C							8	32258		5000000	6/1/2002 0:00	20		
1341			R	C							8	7800		1200000	6/1/2002 0:00	20		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1300			100							
1301			100							
1302			100							
1303			100							
1304			100							
1305			262							
1306			338	326						
1307			216	262						
1308			216	262						
1309			334							
1310			334							
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1341			100							

	A	B	C	D
1342	MI0005850	SAGINAW, CITY OF	2112000	2039
1343	MI0005850	SAGINAW, CITY OF	2112000	2040
1344	MI0005850	SAGINAW, CITY OF	2112000	2041
1345	MI0005850	SAGINAW, CITY OF	2112000	2042
1346	MI0005850	SAGINAW, CITY OF	2112000	2043
1347	MI0005850	SAGINAW, CITY OF	2112000	2044
1348	MI0005850	SAGINAW, CITY OF	2112000	2053
1349	MI0005850	SAGINAW, CITY OF	2112000	2054
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1353	MI0005850	SAGINAW, CITY OF	2112000	2058
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1356	MI0005850	SAGINAW, CITY OF	2112000	2062
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1360	MI0005850	SAGINAW, CITY OF	2112000	2068
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1362	MI0005850	SAGINAW, CITY OF	2112000	3001
1363	MI0005850	SAGINAW, CITY OF	2112000	3003
1364	MI0005850	SAGINAW, CITY OF	2112000	3004
1365	MI0005850	SAGINAW, CITY OF	2112000	3005
1366	MI0005850	SAGINAW, CITY OF	2112000	3006
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1369	MI0005850	SAGINAW, CITY OF	2112000	3009
1370	MI0005850	SAGINAW, CITY OF	2112000	3010
1371	MI0005850	SAGINAW, CITY OF	2112000	3011
1372	MI0005850	SAGINAW, CITY OF	2112000	3012
1373	MI0005850	SAGINAW, CITY OF	2112000	3013
1374	MI0005850	SAGINAW, CITY OF	2112000	3014
1375	MI0005850	SAGINAW, CITY OF	2112000	3015
1376	MI0005850	SAGINAW, CITY OF	2112000	3016
1377	MI0005850	SAGINAW, CITY OF	2112000	3017
1378	MI0005880	SAGINAW-MIDLAND WATER SUPPLY	617560	1000
1379	MI0005880	SAGINAW-MIDLAND WATER SUPPLY	617560	1005
1380	MI0005880	SAGINAW-MIDLAND WATER SUPPLY	617560	1006
1381	MI0005880	SAGINAW-MIDLAND WATER SUPPLY	617560	1007
1382	MI0005880	SAGINAW-MIDLAND WATER SUPPLY	617560	1008
1383	MI0005880	SAGINAW-MIDLAND WATER SUPPLY	617560	1009

	E	F	G	H	I	J	K	L	M	N	O	P
1342	FARWELL ST. AREA	M1								A1		
1343	JANES ST. RIVER CROSS	M1								A1		
1344	HESS ST AREA	M1								A1		
1345	WISNER	M1								A1		
1346	BOND ST AREA	M1								A1		
1347	ST. PROJECTS	M1								A1		
1348	WEISS ST	M1	X2							A1		
1349	TWIN 30 S RIVER CROSS	X2	M1							A1		
1350	COURT ST. AREA	M1								A1		
1351	WARD ST. AREA	M1								A1		
1352	HOLLAND	X2	M1							A1		
1353	WOODBRIDGE @ BROCKWAY	X2	M1							A1		
1354	RUCKLE AREA	M1								A1		
1355	ATHENS AREA	M1								A1		
1356	WADSWORTH AREA	M1								A1		
1357	THAYER AREA	M1								A1		
1358	FLORENCE AREA	M1								A1		
1359	ACQUA LOOP	X2								A4		
1360	JOHNSON ST.	M1								A1		
1361	MCVI	M1								A1		
1362	REPL. LEAD SVC	M2								A6		
1363	RETAIL CUSTOMER METERS	M8								A1		
1364	BACKFLOW PREVENTION DEVICE WTP BOILER ROOM 1-INCH	M7								A6	A1	
1365	BACKFLOW PREVENTION DEVICE WTP RISER AREA 6-INCH I	M7								A6	A1	
1366	BACKFLOW PREVENTION DEVICE WTP OIL ROOM 6-INCH IN	M7								A6	A1	
1367	BACKFLOW PREVENTION DEVICE WTP BETWEEN DIESELS 6-I	M7								A6	A1	
1368	BACKFLOW PREVENTION DEVICE WTP DRAIN PUMP 3/4-INCH	M7								A1	A6	
1369	BACKFLOW PREVENTION DEVICE AQUA BASEMENT 1-INCH	M7								A1	A6	
1370	BACKFLOW PREVENTION DEVICE KOCHVILLE BOILER ROOM 1	M7								A6	A1	
1371	BACKFLOW PREVENTION DEVICE KOCHVILLE BOILER ROOM 1	M7								A6	A1	
1372	BACKFLOW PREVENTION DEVICE KOCHVILLE BOAT ENTRANCE	M7								A1	A6	
1373	WHOLESALE CUSTOMER MASTER METERS	M8								A1		
1374	WHOLESALE CUSTOMER MASTER METERS	M8								A1		
1375	WHOLESALE CUSTOMER MASTER METERS	M8								A1		
1376	WHOLESALE CUSTOMER MASTER METERS	M8								A1		
1377	WHOLESALE CUSTOMER MASTER METERS	M8								A1		
1378	REPLACE CHLORINATION EQUIPMENT	T1								A1		
1379	REHAB WHITESTONE PUMP #4	R8								A1		
1380	REHAB WHITESTONE PUMP #6	R8								A1		
1381	REHAB WHITESTONE PUMP #7	R8								A1		
1382	REHAB WHITESTONE PUMP #1	R8								A1		
1383	REHAB WHITESTONE PUMP #2	R8								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1342			R	C							8	14000		2200000	6/1/2002 0:00	20		
1343			R	C							24	7500		1500000	6/1/2002 0:00	20		
1344			R	C							12	12500		2500000	6/1/2002 0:00	20		
1345			R	C							8	3200		500000	6/1/2002 0:00	20		
1346			R	C							8	32000		5000000	6/1/2002 0:00	20		
1347			R	C							8	6400		1000000	6/1/2002 0:00	20		
1348			R	C										3000000	6/1/2002 0:00	20		
1349			R	C										3000000	6/1/2002 0:00	20		
1350			R	C							8	16000		2500000	6/1/2002 0:00	20		
1351			R	C							8	16000		2500000	6/1/2002 0:00	20		
1352			R	C										3000000	6/1/2002 0:00	20		
1353			R	C										2232500	7/1/2007 0:00	20		
1354			R	C							8	12800		2000000	6/1/2002 0:00	20		
1355			R	C							8	7800		1200000	6/1/2002 0:00	20		
1356			R	C							8	7800		1200000	6/1/2002 0:00	20		
1357			R	C							8	9600		1500000	6/1/2002 0:00	20		
1358			R	C							8	22500		3500000	6/1/2002 0:00	20		
1359																		
1360			R	C	4A						12	3000		638474	2/1/2007 0:00	20		
1361			R	C	4A						8	1103		129890	5/1/2007 0:00	20		
1362			R	F	1D										1/1/1900 0:00	20		
1363			R	F	4A						0.625		17486		1/1/1900 0:00	10		
1364																		
1365																		
1366																		
1367																		
1368																		
1369			R	F	2B						1		1		1/1/1900 0:00	10		
1370			R	F	2B						1.5		1		1/1/1900 0:00	10		
1371			R	F	2B						1		1		1/1/1900 0:00	10		
1372			R	F	2B						1.5		1		1/1/1900 0:00	10		
1373			R	F	4A						2		4		1/1/1900 0:00	20		
1374			R	F	4A						4		3		1/1/1900 0:00	20		
1375			R	F	4A						6		15		1/1/1900 0:00	20		
1376			R	F	4A						8		19		1/1/1900 0:00	20		
1377			R	F	4A						10		8		1/1/1900 0:00	20		
1378			R	F	4A								1		1/1/1900 0:00	20		
1379			H	F	4A					30			1		1/1/1900 0:00	10		
1380			H	F	4A					45			1		1/1/1900 0:00	10		
1381			H	F	4A					45			1		1/1/1900 0:00	10		
1382			H	C	4A					20			1		1/1/1900 0:00	10		
1383			H	C	4A					20			1		1/1/1900 0:00	10		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1342			100							
1343			100							
1344			100							
1345			100							
1346			100							
1347			100							
1348			100							
1349			100							
1350			100							
1351			100							
1352			100							
1353			100							
1354			100							
1355			100							
1356			100							
1357			100							
1358			100							
1359			216							
1360			100							
1361			100							
1362			316							
1363			100							
1364			262							
1365			262							
1366			262							
1367			262							
1368			262							
1369			324							
1370			324							
1371			324							
1372			324							
1373			100							
1374			100							
1375			100							
1376			100							
1377			100							
1378			302							
1379			308							
1380			308							
1381			308							
1382			308							
1383			308							

	A	B	C	D
1384	MI0005880	SAGINAW-MIDLAND WATER SUPPLY	617560	1010
1385	MI0005880	SAGINAW-MIDLAND WATER SUPPLY	617560	1011
1386	MI0005880	SAGINAW-MIDLAND WATER SUPPLY	617560	1012
1387	MI0005880	SAGINAW-MIDLAND WATER SUPPLY	617560	1013
1388	MI0005880	SAGINAW-MIDLAND WATER SUPPLY	617560	1014
1389	MI0005880	SAGINAW-MIDLAND WATER SUPPLY	617560	1015
1390	MI0005880	SAGINAW-MIDLAND WATER SUPPLY	617560	1016
1391	MI0005880	SAGINAW-MIDLAND WATER SUPPLY	617560	2000
1392	MI0005880	SAGINAW-MIDLAND WATER SUPPLY	617560	2001
1393	MI0005880	SAGINAW-MIDLAND WATER SUPPLY	617560	2002
1394	MI0005880	SAGINAW-MIDLAND WATER SUPPLY	617560	2003
1395	MI0005950	SAULT STE MARIE	422400	1000
1396	MI0005950	SAULT STE MARIE	422400	1001
1397	MI0005950	SAULT STE MARIE	422400	1002
1398	MI0005950	SAULT STE MARIE	422400	1003
1399	MI0005950	SAULT STE MARIE	422400	1004
1400	MI0005950	SAULT STE MARIE	422400	1005
1401	MI0005950	SAULT STE MARIE	422400	1006
1402	MI0005950	SAULT STE MARIE	422400	1007
1403	MI0005950	SAULT STE MARIE	422400	1008
1404	MI0005950	SAULT STE MARIE	422400	2000
1405	MI0005950	SAULT STE MARIE	422400	2001
1406	MI0005950	SAULT STE MARIE	422400	2002
1407	MI0005950	SAULT STE MARIE	422400	2003
1408	MI0005950	SAULT STE MARIE	422400	2004
1409	MI0005950	SAULT STE MARIE	422400	2005
1410	MI0005950	SAULT STE MARIE	422400	2006
1411	MI0005950	SAULT STE MARIE	422400	2007
1412	MI0005950	SAULT STE MARIE	422400	2008
1413	MI0005950	SAULT STE MARIE	422400	2009
1414	MI0005950	SAULT STE MARIE	422400	2010
1415	MI0005950	SAULT STE MARIE	422400	3000
1416	MI0005950	SAULT STE MARIE	422400	3001
1417	MI0006010	SHELBY TOWNSHIP	165000	1000
1418	MI0006010	SHELBY TOWNSHIP	165000	2000
1419	MI0006010	SHELBY TOWNSHIP	165000	2001
1420	MI0006010	SHELBY TOWNSHIP	165000	2002
1421	MI0006010	SHELBY TOWNSHIP	165000	2004
1422	MI0006010	SHELBY TOWNSHIP	165000	2005
1423	MI0006010	SHELBY TOWNSHIP	165000	2006
1424	MI0006010	SHELBY TOWNSHIP	165000	2007
1425	MI0006010	SHELBY TOWNSHIP	165000	2008

	E	F	G	H	I	J	K	L	M	N	O	P
1384	REHAB WHITESTONE PUMP #3	R8								A1		
1385	REHAB WHITESTONE PUMP #8	R8								A1		
1386	REHAB JUNCTION PUMP #1	R8								A1		
1387	REHAB JUNCTION PUMPS #2-4	R8								A1		
1388	REHAB WHITESTONE #5	R8								A1		
1389	REHAB PINCONNING #1-4	R8								A1		
1390	REHAB PINCONNING #5	R8								A1		
1391	REPLACE 48-INCH RAW WATERMAIN W/ 60-INCH	X1								A1		
1392	REPLACE WEST HEADER AT WHITESTONE	X1								A1		
1393	REPLACE WEST HEADIN AT WHITESTONE	X1								A1		
1394	REPLACE WEST HEADIN AT WHITESTONE	X1								A1		
1395	REHAB OF DIRECT FILTRATION WATER TREATMENT PLANT	T11								A1	A6	
1396	REPLACE EMERGENCY GENERATOR/SWITCHGEAR	W4								A1		
1397	REPLACE SCADA	W2								A1		
1398	200,000 GAL ELEVATED TOWER RECOAT & REHAB	S1								A1		
1399	250,000 GAL ELEVATED TOWER RECOAT & REHAB	S1								A1		
1400	750,000 GAL ELEVATED TOWER RECOAT & REHAB	S1								A1		
1401	TELEMETRY REPLACEMENT @ ELEVATED TOWERS	W3								A1		
1402	8TH AVE BOOSTER STATION REHAB	P2								A1		
1403	14TH ST. BOOSTER STATION REHAB	P2								A1		
1404	BERMUDA AVE. CAST IRON REPLACEMENT 1 SIZE UPGRADE	M1								A6	A1	A4
1405	LAKE ST. CAST IRON REPLACEMENT & SIZE UPGRADE	M1								A4	A1	A6
1406	SHALLOWS BEACH DR. CAST IRON REPLACEMENT & SIZE UP	M1								A4	A1	
1407	W. 5TH AVE. CAST IRON REPLACEMENT & SIZE UPGRADE	M1								A1	A4	
1408	ARMORY PLACE CAST IRON REPLACEMENT & SIZE UPGRADE	M1								A4	A1	
1409	BINGHAM AVE. CAST IRON REPLACEMENT & SIZE UPGRADE	M1								A4	A1	
1410	E. 10TH AVE CAST IRON REPLACEMENT & SIZE UPGRADE	M1								A1	A4	
1411	RIVERSIDE DR. CAST IRON REPLACEMENT & SIZE UPGRADE	M1								A4	A1	
1412	W. 4TH AVE. CAST IRON MAIN REPLACEMENT	M1								A4		
1413	MERIDIAN ST. CAST IRON REPLACEMENT	M1								A4		
1414	REPLACE 6-INCH & LESS THAN 6-INCH CI. PIPES	M1								A1	A4	
1415	REPLACE LARGE WATER METERS	M8								A1		
1416	REPLACE RESIDENTIAL AND SMALL COMMERCIAL WATER MET	M8								A1		
1417	REHAB BOOSTER STATION AND GENERATOR	P2								A1		
1418	RYAN RD. (HAMLIN TO NORTH OF CLINTON RIVER)	M1								A8		
1419	HAMLIN RD. (RYAN TO EXISTING DEAD END)	M1								A8		
1420	SHELBY RD. (22 MILE TO MOUND)	M1								A8		
1421	DEQUINDRE (CUT CRYSTAL TO 24 MILE)	M1								A8	A4	
1422	25 MILE (TIMBERS EDGE TO VAN DYKE)	M1								A8		
1423	SCHOENHERR (LAKEVIEW TO SHELBY MEDICAL)	M1								A8		
1424	HAYES RD. (N OF 23 MILE TO HILLCREST)	M1								A8		
1425	HAYES RD. (FRIAR TO COVINGTON)	M1								A8		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1384			H	F	4A					25			1		1/1/1900 0:00	10		
1385			H	F	4A					55			1		1/1/1900 0:00	10		
1386			H	F	4A					40			1		1/1/1900 0:00	10		
1387			H	F	4A					25			3		1/1/1900 0:00	10		
1388			H	F	4A					40			1		1/1/1900 0:00	10		
1389			H	F	4A					25			4		1/1/1900 0:00	10		
1390			H	F	4A					50			1		1/1/1900 0:00	10		
1391			R	F	4A						60	61756			1/1/1900 0:00	20		
1392			R	F	4A						24	340			1/1/1900 0:00	20		
1393			R	F	4A						36	340			1/1/1900 0:00	20		
1394			R	F	4A						48	340			1/1/1900 0:00	20		
1395			H	F	1A					6			1		1/1/1900 0:00	11		
1396			R	F	4A					750			1		1/1/1900 0:00	11		
1397			R	F	4A								1		1/1/1900 0:00	11		
1398			H	F	4A					0.2			1	111000	3/1/2011 0:00	4	11	
1399			H	F	4A					0.25			1		1/1/1900 0:00	11		
1400			H	F	4A					0.75			1		1/1/1900 0:00	11		
1401			R	F	4A								1		1/1/1900 0:00	11	6	
1402			H	F	4A					1			3		1/1/1900 0:00	11		
1403																		
1404			R	C	2A						8	1750			1/1/1900 0:00	11		
1405			R	C	2A						8	400			1/1/1900 0:00	11		
1406			R	C	4A						8	1600			1/1/1900 0:00	11		
1407			R	C	4A						8	550			1/1/1900 0:00	11		
1408			R	C	4A						8	1000			1/1/1900 0:00	11		
1409			R	C	4A						8	350			1/1/1900 0:00	11		
1410			R	C	4A						8	2100			1/1/1900 0:00	11		
1411			R	C	4A						8	13000			1/1/1900 0:00	11		
1412			R	C	4A						8	1300			1/1/1900 0:00	11		
1413			R	C	4A						12	2600			1/1/1900 0:00	11		
1414			R	C	4A						8	17590			1/1/1900 0:00	10		
1415			R	F	4A						1.5		230	297500	1/1/2010 0:00	9	11	
1416			R	F	4A						0.625		5000	707000	1/1/2010 0:00	9	11	
1417			H	F	2E					6.336			1		1/1/1900 0:00	10		
1418																		
1419																		
1420																		
1421			N	C							12	800		120000	3/1/2007 0:00	1	10	
1422																		
1423																		
1424																		
1425																		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1384			308							
1385			308							
1386			308							
1387			308							
1388			308							
1389			308							
1390			308							
1391			100							
1392			100							
1393			100							
1394			100							
1395			334	100						
1396			100							
1397			322	324						
1398			338	324						
1399			100							
1400			100							
1401			324	328						
1402			100							
1403			200							
1404			334	332						
1405			334	332						
1406			100							
1407			100							
1408			100							
1409			100							
1410			100							
1411			100							
1412			100							
1413			100							
1414			100							
1415			338	324	344					
1416			338	324	344					
1417			100							
1418			216							
1419			216							
1420			216							
1421			334	336	322					
1422			216							
1423			216							
1424			216							
1425			216							

	A	B	C	D
1426	MI0006010	SHELBY TOWNSHIP	165000	2009
1427	MI0006010	SHELBY TOWNSHIP	165000	2010
1428	MI0006010	SHELBY TOWNSHIP	165000	2011
1429	MI0006010	SHELBY TOWNSHIP	165000	2012
1430	MI0006010	SHELBY TOWNSHIP	165000	2013
1431	MI0006010	SHELBY TOWNSHIP	165000	2014
1432	MI0006010	SHELBY TOWNSHIP	165000	2015
1433	MI0006010	SHELBY TOWNSHIP	165000	2016
1434	MI0006010	SHELBY TOWNSHIP	165000	2017
1435	MI0006010	SHELBY TOWNSHIP	165000	2018
1436	MI0006010	SHELBY TOWNSHIP	165000	2019
1437	MI0006010	SHELBY TOWNSHIP	165000	2020
1438	MI0006010	SHELBY TOWNSHIP	165000	2021
1439	MI0006010	SHELBY TOWNSHIP	165000	2022
1440	MI0006010	SHELBY TOWNSHIP	165000	2023
1441	MI0006010	SHELBY TOWNSHIP	165000	2024
1442	MI0006010	SHELBY TOWNSHIP	165000	3000
1443	MI0006010	SHELBY TOWNSHIP	165000	3001
1444	MI0006010	SHELBY TOWNSHIP	165000	3002
1445	MI0006010	SHELBY TOWNSHIP	165000	3003
1446	MI0006010	SHELBY TOWNSHIP	165000	3004
1447	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	1000
1448	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	1001
1449	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	1008
1450	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	1009
1451	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	1010
1452	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	1011
1453	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	1012
1454	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	1014
1455	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	1015
1456	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	1016
1457	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	1017
1458	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	2000
1459	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	2001
1460	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	2002
1461	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	2003
1462	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	2004
1463	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	2005
1464	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	2006
1465	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	2007
1466	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	2008
1467	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	2009

	E	F	G	H	I	J	K	L	M	N	O	P
1426	25 MILE (GOLDEN OAKS TO SHERWOOD)	M1								A8		
1427	SCHOENHERR RD. (25 MILE TO 26 MILE)	M1								A8		
1428	RYAN RD. (HAWKS NEST TO BRAMFORD)	M1								A8		
1429	HAYES (25 MILE TO 26 MILE)	M1								A8		
1430	26 MILE RD. (HAYES TO SCHOENHERR)	M1								A8		
1431	SCHOENHERR (25 MILE TO 26 MILE)	M1								A8		
1432	26 MILE RD. (JEWELL TO SCHOENHERR)	M1								A8		
1433	26 MILE (VAN DYKE TO PINECONE)	M1								A8		
1434	DEQUINDRE (WASHINGTON RD. TO BRIARWOOD)	M1								A8		
1435	HARRY (21 MILE TO RUSSELL)	M1								A8		
1436	REMER (RUSSELL TO JANIS)	M1								A8		
1437	SEVILLE (REMER TO HIDDEN OAK)	M1								A8		
1438	FORSTER (TO BLUE BELL)	M1								A8		
1439	RAIL VIEW (TO SANDY)	M1								A8		
1440	UPGRADE 6-INCH MAINS TO 8-INCH	M1								A1		
1441	WATERMAIN REPLACEMENT	M1								A1		
1442	REPLACE WATER METERS	M8								A1		
1443	REPLACE PRESSURE REDUCING VALVES	M6								A1		
1444	REPLACE PRESSURE REDUCING VALVES	M6								A1		
1445	REPLACE PRESSURE REDUCING VALVES	M6								A1		
1446	REPLACE PRESSURE REDUCING VALVES	M6								A1		
1447	SURFACE WATER INTAKE	R7								A2		
1448	CONVENTIONAL FILTER PLANT	T10								A1		
1449	BLUEBERRY TORO-ELLIPSE ELEVATED TANK	S1								A1		
1450	BUSINESS PARK SPHERIOD ELEVATED TANK	S1								A1		
1451	COVERT TWP. SPHERIOD ELEVATED TANK	S1								A1		
1452	STANDPIPE (BLUE STAR & PHOENIX) REPLACEMENT	S2								A1		
1453	WFP FINISHED WATER RESERVOIR ISOLATION WALL	S2								A11		
1454	INDUSTRIAL PARK BOOSTER PUMP STATION	P2								A1		
1455	COVERT BOOSTER PUMP STATION	P2								A1		
1456	COMPUTER AND AUTOMATION COSTS (SCADA)	W2								A1		
1457	EMERGENCY POWER	W4	T99							A1		
1458	NEW DIST MAIN, 72ND ST	M1								A11		
1459	REPLACE DIST MAIN, LAGRANGE ST	M1								A1		
1460	NEW DIST MAIN, BLUE STAR HWY	M1								A11		
1461	REPLACE DIST MAIN, BAILEY AVE	M1								A1		
1462	REPLACE DIST MAIN, ELKENBURG ST	M1								A1		
1463	REPLACE DIST MAIN, CENTER ST	M1								A1		
1464	REPLACE DIST MAIN, CONGER ST	M1								A1		
1465	REPLACE DIST MAIN, GREEN ST	M1								A1		
1466	REPLACE DIST MAIN, CENTER ST	M1								A1		
1467	REPLACE DIST MAIN, LAGRANGE ST	M1								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1426																		
1427																		
1428																		
1429																		
1430																		
1431																		
1432																		
1433																		
1434																		
1435																		
1436																		
1437																		
1438																		
1439																		
1440																		
1441			R	F	4A						8	91840			1/1/1900 0:00	10		
1442			R	F	4A						0.625		30787		1/1/1900 0:00	10		
1443			R	F	4A						36		3		1/1/1900 0:00	10		
1444																		
1445			R	F	4A						24		2		1/1/1900 0:00	10		
1446			R	F	4A						12		2		1/1/1900 0:00	10		
1447			R	C						15			1	5928000	3/1/2007 0:00	1	10	
1448			H	F						7			1		1/1/1900 0:00	10		
1449			H	F						1			1		1/1/1900 0:00	10	2	
1450			H	F						0.3			1	75000	1/1/2009 0:00	2	10	
1451			H	F						0.2			1	79000	12/1/2008 0:00	10	2	
1452			R	F						1.5			1		1/1/1900 0:00	10	2	
1453			H	F						1			1	228000	3/1/2007 0:00	2	10	
1454																		
1455																		
1456			R	F									1		1/1/1900 0:00	10	11	
1457			R	F						800					1/1/1900 0:00	11	10	
1458																		
1459																		
1460			N	F							12	3200		648000	3/1/2007 0:00	1		
1461																		
1462																		
1463																		
1464																		
1465																		
1466																		
1467																		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1426			212							
1427			216							
1428			212							
1429			216							
1430			216							
1431			216							
1432			216							
1433			216							
1434			216							
1435			216							
1436			216							
1437			216							
1438			216							
1439			216							
1440			204							
1441			100							
1442			100							
1443			100							
1444			200							
1445			100							
1446			100							
1447			328	330	324	336				
1448			328							
1449			100							
1450			100							
1451			100							
1452			100							
1453			336							
1454			200							
1455			200							
1456			100							
1457			328							
1458			216							
1459			118							
1460			338							
1461			118							
1462			118							
1463			118							
1464			118							
1465			118							
1466			118							
1467			118							

	A	B	C	D
1468	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	2010
1469	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	2011
1470	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	2012
1471	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	2013
1472	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	2014
1473	MI0006100	CITY OF SOUTH HAVEN, SOUTH HAVEN/CASCO TOWNSHIP WATER AND SEWER AUTHORITY, COVERT TOWNSHIP	998795	3000
1474	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	1000
1475	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	1001
1476	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	1002
1477	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	1003
1478	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	1004
1479	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	1005
1480	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	1006
1481	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	1008
1482	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	1010
1483	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	1011
1484	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	1012
1485	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	1013
1486	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	1014
1487	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	1015
1488	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	1016
1489	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	1017
1490	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	1018
1491	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	1019
1492	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	1020
1493	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	2000
1494	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	2001
1495	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	2002
1496	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	2003
1497	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	2004
1498	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	2005
1499	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	2006
1500	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	3000
1501	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	3002
1502	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	3003
1503	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	3004
1504	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	3005
1505	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	3006
1506	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	3007
1507	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	3008
1508	MI0006150	SOUTHEASTERN OAKLAND CO W AUTH	244464	3009
1509	MI0006280	ST. CLAIR SHORES	0	1000

	E	F	G	H	I	J	K	L	M	N	O	P
1468	REPLACE DIST MAIN, SUPERIOR ST	M1								A1		
1469	REPLACE TRANS MAIN, WATER ST & HURON ST	X2								A1		
1470	REPLACE OTHER UNDERSIZED MAINS	M1								A1		
1471	NEW DIST MAIN 16TH AVE	M1								A11		
1472	REPLACE 10% PIPE	M1								A1		
1473	WATER METERS	M8								A1		
1474	14 MILE RESERVOIR PAINTING & REHAB	S2								A6	A1	
1475	WEBSTER ELEVATED TANK PAINTING & REHAB	S1								A1	A6	
1476	BUCHAN RESERVOIR PAINTING & REHAB	S2								A1	A6	
1477	WEBSTER 7.5 MG RESERVOIR PAINTING & REHAB	S2								A6	A1	
1478	WEBSTER 10.0 MG RESERVOIR PAINTING & REHAB	S2								A1	A6	
1479	14 MILE ELEVATED TANK PAINTING & REHAB	S1								A1	A6	
1480	SAMOSET ELEVATED TANK PAINTING & REHAB	S1								A1	A6	
1481	GARE STATION RESERVOIR & REHAB	S2								A1	A6	
1482	REHAB LIVERNOIS PUMP STATION (WITH 4 PUMPS)	P2								A1	A6	
1483	REHAB LAMB PUMP STATION (WITH 4 PUMPS)	P2								A1	A6	
1484	REHAB OLIVER PUMP STATION (WITH 2 PUMPS)	P2								A1	A6	
1485	REHAB GARE PUMP STATION (WITH 3 PUMPS)	P2								A1	A6	
1486	REHAB BUCHAN PUMP STATION (WITH 4 PUMPS)	P2								A6	A1	
1487	REHAB 14 MILE ROAD PUMP STATION (WITH 3 PUMP)	P2								A1	A6	
1488	REHAB WEBSTER PUMP STATION (WITH 6 PUMPS)	P2								A6	A1	
1489	SCADA	W2								A1		
1490	PROCESS CONTROL INSTRUMENTATION	W3								A1		
1491	REPLACE PORTABLE GENERATOR	W4								A1		
1492	REPLACE PERMANENT GENERATOR AT WEBSTER PUMP STATIO	W4								A1		
1493	16-INCH DIA - WATER MAIN REPLACEMENT	X2								A6	A1	
1494	16-INCH DIA - WATER MAIN REHAB	X2								A6	A1	
1495	13 MILE TO 14 MILE HIGH PRESS.	X2								A1		
1496	13 MILE TO JUDSON HIGH PRESS	X2								A1		
1497	GREENFIELD TO COOLIDGE HIGH PRESS.	X2								A1		
1498	COOLIDGE TO EDGELAND LOW PRESS.	X2								A1		
1499	REMAINING 10% PIPE	X2								A1		
1500	NEW METER @ 13MI SOUTHFIELD	M8								A1		
1501	NEW METERS AT NORTH LINE SHOPPING CENTER	M8								A1		
1502	NEW METER AT 14 MILE ROAD & SOUTHFIELD	M8								A1		
1503	LIVERNOIS AND 8 MILE ROAD MASTER METER PIT	M8								A1		
1504	GREENFIELD AND 8 MILE ROAD MASTER METER PIT	M8								A1		
1505	TELEGRAPH & 8 MILE ROAD MASTER METER PIT	M8								A1		
1506	INKSTER ROAD & 12 MILE ROAD MASTER METER PIT	M8								A1		
1507	14 MILE ROAD & LAHSER ROAD MASTER METER PIT	M8								A1		
1508	QUARTON & CHESTERFIELD MASTER	M8								A1		
1509	RESERVOIR GENERATOR	W4								A10		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1468																		
1469																		
1470																		
1471																		
1472			R	C							8	99879			1/1/1900 0:00	10		
1473			R	F	4A						0.625		5208		1/1/1900 0:00	10		
1474			H	C	1B					5			1		1/1/1900 0:00	20		
1475			H	C	1B					1			1		1/1/1900 0:00	20		
1476			H	C	1B					2.5			1		1/1/1900 0:00	20		
1477			H	F	1B					7.5			1		1/1/1900 0:00	20		
1478			H	F	1B					10			1		1/1/1900 0:00	20		
1479			H	F	1B					1			1		1/1/1900 0:00	20		
1480			H	F	1B					1			1		1/1/1900 0:00	20		
1481			H	C	1B					4.5			1		1/1/1900 0:00	20		
1482			H	F	1B					53.2			1		1/1/1900 0:00	20		
1483			H	F	1B					55.5			1		1/1/1900 0:00	20		
1484			H	F	1B					30.2			1		1/1/1900 0:00	20		
1485			H	F	1B					31.3			1		1/1/1900 0:00	20		
1486			H	F	1B					22.1			1		1/1/1900 0:00	20		
1487			H	F	1B					20.1			1		1/1/1900 0:00	20		
1488			H	F	1B					71.9			1		1/1/1900 0:00	20		
1489			R	F	4A								1		1/1/1900 0:00	10		
1490																		
1491			R	F	4A					250			1		1/1/1900 0:00	10	6	
1492			R	F	4A					500			1		1/1/1900 0:00	6	10	
1493																		
1494																		
1495			R	F							16	5100			1/1/1900 0:00	6	10	
1496			R	F							16	1600			1/1/1900 0:00	6	10	
1497			R	F							16	5300			1/1/1900 0:00	10	6	
1498			R	F							16	1300			1/1/1900 0:00	10	6	
1499			R	F							16	12946			1/1/1900 0:00	10	6	
1500			R	F							12		1		1/1/1900 0:00	20		
1501			R	C	4A						12		2		1/1/1900 0:00	20		
1502			R	C	4A						12		1		1/1/1900 0:00	20		
1503			R	F	4A						30		1		1/1/1900 0:00	20		
1504			R	F	4A						36		1		1/1/1900 0:00	20		
1505			R	F	4A						20		1		1/1/1900 0:00	20		
1506			R	F	4A						30		1		1/1/1900 0:00	20		
1507			R	F	4A						30		1		1/1/1900 0:00	20		
1508			R	F	4A						16		1		1/1/1900 0:00	20		
1509			N	C	2B	2G				312			1	228411	8/1/2010 0:00	4	11	

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1468			118							
1469			118							
1470			118							
1471			216							
1472			100							
1473			100							
1474			100							
1475			326	320						
1476			100							
1477			100							
1478			100							
1479			100							
1480			100							
1481			100							
1482			100							
1483			100							
1484			100							
1485			100							
1486			100							
1487			100							
1488			100							
1489			100							
1490			262							
1491			100							
1492			100							
1493			254							
1494			254							
1495			100							
1496			100							
1497			100							
1498			100							
1499			334	292						
1500			100							
1501			100							
1502			100							
1503			328							
1504			100							
1505			100							
1506			100							
1507			100							
1508			100							
1509			336							

	A	B	C	D
1510	MI0006280	ST. CLAIR SHORES	0	1001
1511	MI0006280	ST. CLAIR SHORES	0	1002
1512	MI0006280	ST. CLAIR SHORES	0	1003
1513	MI0006280	ST. CLAIR SHORES	0	1004
1514	MI0006280	ST. CLAIR SHORES	0	1005
1515	MI0006280	ST. CLAIR SHORES	0	1006
1516	MI0006280	ST. CLAIR SHORES	0	1007
1517	MI0006280	ST. CLAIR SHORES	0	1008
1518	MI0006280	ST. CLAIR SHORES	0	1009
1519	MI0006280	ST. CLAIR SHORES	0	1010
1520	MI0006280	ST. CLAIR SHORES	0	2000
1521	MI0006280	ST. CLAIR SHORES	0	2001
1522	MI0006280	ST. CLAIR SHORES	0	2002
1523	MI0006280	ST. CLAIR SHORES	0	2003
1524	MI0006280	ST. CLAIR SHORES	0	2004
1525	MI0006280	ST. CLAIR SHORES	0	2005
1526	MI0006280	ST. CLAIR SHORES	0	2006
1527	MI0006280	ST. CLAIR SHORES	0	2007
1528	MI0006280	ST. CLAIR SHORES	0	2008
1529	MI0006280	ST. CLAIR SHORES	0	2009
1530	MI0006280	ST. CLAIR SHORES	0	2010
1531	MI0006280	ST. CLAIR SHORES	0	2011
1532	MI0006280	ST. CLAIR SHORES	0	2012
1533	MI0006280	ST. CLAIR SHORES	0	2013
1534	MI0006280	ST. CLAIR SHORES	0	2014
1535	MI0006280	ST. CLAIR SHORES	0	2015
1536	MI0006280	ST. CLAIR SHORES	0	2016
1537	MI0006280	ST. CLAIR SHORES	0	2017
1538	MI0006280	ST. CLAIR SHORES	0	2018
1539	MI0006280	ST. CLAIR SHORES	0	2019
1540	MI0006280	ST. CLAIR SHORES	0	2020
1541	MI0006280	ST. CLAIR SHORES	0	2021
1542	MI0006280	ST. CLAIR SHORES	0	2022
1543	MI0006280	ST. CLAIR SHORES	0	2023
1544	MI0006280	ST. CLAIR SHORES	0	2024
1545	MI0006280	ST. CLAIR SHORES	0	2025
1546	MI0006280	ST. CLAIR SHORES	0	2026
1547	MI0006280	ST. CLAIR SHORES	0	2027
1548	MI0006280	ST. CLAIR SHORES	0	2028
1549	MI0006280	ST. CLAIR SHORES	0	2029
1550	MI0006280	ST. CLAIR SHORES	0	2030
1551	MI0006280	ST. CLAIR SHORES	0	2031

	E	F	G	H	I	J	K	L	M	N	O	P
1510	RES. PS SCADA FLOW METERS & TRANSMITTERS @ DWSD SS	W3	M8							A10		
1511	RES. PS SCADA FLOW METERS & TRANSMITTERS @ DWSD SS	W3	M8							A10		
1512	RES. PS SCADA FLOW METERS & TRANSMITTERS @ DWSD SS	M8	W3							A10		
1513	RES. PS SCADA FLOW METERS & TRANSMITTERS @ DWSD SS	M8	W3							A10		
1514	REHAB 4MG STEEL GROUND STORAGE RESERVOIR	S2								A1		
1515	PRV IN VAULT - 14 MILE & LIPKE (SS-02)	M6								A4	A1	
1516	PRV IN VAULT - 8 MILE & HARPER (SS-03)	M6								A1	A4	
1517	PRV IN VAULT - 8 MILE - E. OF HARPER (SS-05)	M6								A4	A1	
1518	BOOSTER PUMP STATION PUMP & VFD REPLACEMENT	P1	M99							A1		
1519	BOOSTER PUMP STATION PUMP & VFD REPLACEMENT	M99	P1							A1		
1520	9 MILE, I-94 TO HARPER	M1								A1		
1521	11 MILE, I-94 TO LITTLE MACK	M1								A1		
1522	EDGEWATER ST, MASONIC TO JEFFERSON	M1								A1		
1523	FRESARD ST, HARPER TO JEFFERSON	M1								A1		
1524	TALBOT ST, JEFFERSON TO CITY LIMITS	M1								A1		
1525	DETOUR ST, HARPER TO JEFFERSON	M1								A1		
1526	GROSSEDALE ST, HARPER TO GREATER MACK	M1								A1		
1527	MAXINE ST, ALICE TO MARTER	M1								A1		
1528	HOFFMAN ST, HARPER TO GREATER MACK	M1								A1		
1529	PORT ST, HARPER TO JEFFERSON	M1								A1		
1530	MARTIN RD, I-94 TO LITTLE MACK	M1								A1		
1531	GAUKLER ST, I-94 TO HARPER	M1								A1		
1532	JOAN ST, 11 MILE TO MARTIN	M1								A1		
1533	HOFFMAN ST, GREATER MACK TO JEFFERSON	M1								A1		
1534	SUNNYDALE ST, HARPER TO JEFFERSON	M1								A1		
1535	ARCADIA ST, GREATER MACK TO JEFFERSON	M1								A1		
1536	GAUKLER ST, HARPER TO GREATER MACK	M1								A1		
1537	SALISBURY ST, BEACONSFIELD TO I-94	M1								A1		
1538	BRYS PARK, I-94 CROSSING	M1								A2		
1539	GROVE ST, WALTON TO ALEXANDER	M1								A2		
1540	EASEMENT, CROWLEY TO BENJAMIN	M1								A2		
1541	EASEMENT, CROWLEY TO MAPLE	M1								A2		
1542	EASEMENT, ELMWOOD TO CHAMPINE	M1								A2		
1543	FRAZHO RD, URSULINE TO GRANT	M1								A2		
1544	GREATER MACK AVE, ARDMORE PARK TO LOUISE	M1								A2		
1545	LAKESIDE DR, COLONIAL CT TO CITY LIMITS	M1								A2		
1546	MEIER RD, HUGHES TO GRANT	M1								A2		
1547	NEW YORK ST, BEVERLY TO DEZIEL	M1								A2		
1548	STANLEY ST, EAST OF ROCKWOOD	M1								A2		
1549	SUNNYDALE ST, WILDWOOD EAST OF JEFFERSON	M1								A2		
1550	WALDRON ST, ROSEBRIAR TO HARPER	M1								A2		
1551	REPLACE ALL AGED 6-INCH MAINS	M1								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1510			N	C	2E	2D	2G			30			1	95804	3/1/2011 0:00	8	11	
1511			N	C	2D	2G	2E			24			1	81209	3/1/2011 0:00	8	11	
1512			N	C	2E	2G	2D			24			1	61100	3/1/2011 0:00	8	11	
1513			N	C	2E	2G	2D			8			1	81209	3/1/2011 0:00	11	8	
1514			H	C	4A					4			1		1/1/1900 0:00	11		
1515			R	C	4A					18			1		1/1/1900 0:00	11		
1516			R	C	4A					24			1		1/1/1900 0:00	11		
1517			N	C	4A					24			1		1/1/1900 0:00	11		
1518			R	C	4A					1.3			1		1/1/1900 0:00	11		
1519			R	C	4A					3.2			3		1/1/1900 0:00	11		
1520			R	C	4A						12	3300		729810	3/1/2010 0:00	2	4	
1521			R	C	4A						8	2357		547560	3/1/2010 0:00	4	2	
1522			R	C	4A						6	3958		590040	3/1/2010 0:00	2	4	
1523			R	C	4A						8	4154		822660	3/1/2010 0:00	2	4	
1524			R	C	4A						8	2749		560720	3/1/2010 0:00	4	2	
1525			R	C	4A						8	4251		828980	3/1/2010 0:00	2	4	
1526			R	C	4A						8	2818		539190	3/1/2010 0:00	2	4	
1527			R	C	4A						8	2384		494350	3/1/2010 0:00	4	2	
1528			R	C	4A						8	2805			1/1/1900 0:00	1		
1529			R	C	4A						8	4328			1/1/1900 0:00	1		
1530			R	C	4A						8	2463			1/1/1900 0:00	1		
1531			R	C	4A						8	2361			1/1/1900 0:00	1		
1532			R	C	4A						8	2636			1/1/1900 0:00	1		
1533			R	C	4A						8	1230			1/1/1900 0:00	1		
1534			R	C	4A						8	2487			1/1/1900 0:00	1		
1535			R	C	4A						8	2233			1/1/1900 0:00	1		
1536			R	C	4A						8	2423			1/1/1900 0:00	1		
1537			R	C	4A						8	2785			1/1/1900 0:00	1		
1538			N	C	2B						12	300		216200	4/1/2007 0:00	1	4	
1539			N	C	2B						8	140		30000	4/1/2007 0:00	4	1	
1540			N	C	2B						8	1020		215000	4/1/2007 0:00	4	1	
1541			N	C	2B						8	340		72000	4/1/2007 0:00	4	1	
1542			N	C	2B						8	205		45000	4/1/2007 0:00	4	1	
1543			N	C	2B						8	270		57900	4/1/2007 0:00	1	4	
1544			N	C	2B						8	405		115500	4/1/2007 0:00	1	4	
1545			N	C	2B						8	1360		286500	4/1/2007 0:00	1	4	
1546			N	C	2B						8	610		129000	4/1/2007 0:00	4	1	
1547			N	C	2B						8	285		61000	4/1/2007 0:00	1	4	
1548			N	C	2B						8	42		13200	4/1/2007 0:00	4	1	
1549			N	C	2B						8	80		19500	4/1/2007 0:00	4	1	
1550			N	C	2B						8	625		132000	4/1/2007 0:00	4	1	
1551			R	C	4A						8	29522			1/1/1900 0:00	11		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1510			336							
1511			336							
1512			336							
1513			336							
1514			100							
1515			100							
1516			100							
1517			100							
1518			400	200						
1519			400	200						
1520			100							
1521			100							
1522			100							
1523			100							
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1545			100							
1546			100							
1547			100							
1548			100							
1549			100							
1550			100							
1551			190							

	A	B	C	D
1552	MI0006280	ST. CLAIR SHORES	0	2032
1553	MI0006280	ST. CLAIR SHORES	0	3000
1554	MI0006280	ST. CLAIR SHORES	0	3001
1555	MI0006280	ST. CLAIR SHORES	0	3002
1556	MI0006280	ST. CLAIR SHORES	0	3003
1557	MI0006280	ST. CLAIR SHORES	0	3004
1558	MI0006280	ST. CLAIR SHORES	0	3005
1559	MI0006280	ST. CLAIR SHORES	0	3006
1560	MI0006280	ST. CLAIR SHORES	0	3007
1561	MI0006280	ST. CLAIR SHORES	0	3008
1562	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	1000
1563	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	1001
1564	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	1002
1565	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	1003
1566	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	1004
1567	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	1005
1568	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	2000
1569	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	2001
1570	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	2002
1571	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	2003
1572	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	2004
1573	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	2005
1574	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	2006
1575	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	2007
1576	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	2008
1577	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	2009
1578	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	2010
1579	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	2011
1580	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	2012
1581	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	2013
1582	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	2014
1583	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	2015
1584	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	2016
1585	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	2017
1586	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	2018
1587	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	2019
1588	MI0006284	ST. CLAIR WATER AND SEWER AUTHORITY	211200	3000
1589	MI0006310	ST JOSEPH	294631	1000
1590	MI0006310	ST JOSEPH	294631	1001
1591	MI0006310	ST JOSEPH	294631	1002
1592	MI0006310	ST JOSEPH	294631	1003
1593	MI0006310	ST JOSEPH	294631	1004

	E	F	G	H	I	J	K	L	M	N	O	P
1552	REPLACE ALL AGED 8-INCH CL MAINS	M1								A1		
1553	CITY WIDE RETAIL METER REPLACEMENT	M8								A1		
1554	CITY WIDE RETAIL METER REPLACEMENT	M8								A1		
1555	CITY WIDE RETAIL METER REPLACEMENT	M8								A1		
1556	CITY WIDE RETAIL METER REPLACEMENT	M8								A1		
1557	CITY WIDE RETAIL METER REPLACEMENT	M8								A1		
1558	CITY WIDE RETAIL METER REPLACEMENT	M8								A1		
1559	CITY WIDE RETAIL METER REPLACEMENT	M8								A1		
1560	CITY WIDE RETAIL METER REPLACEMENT	M8								A1		
1561	LEAD SERVICE LINE REPLACEMENT	M2								A6		
1562	MICROFILTRATION PLANT REHABILITATION	T14								A1		
1563	REHAB .500 MG TANK	S1								A1		
1564	REHAB .300 MG TANK	S1								A1		
1565	ADD MIXER TO N. END OF TANK	R11								A1	A6	
1566	ADD MIXER TO S. END OF TANK	R11								A1	A6	
1567	REPLACE GENERATOR	T99	W4							A1		
1568	REPLACE 4-INCH CL ON DOLPHIN ST	M1								A1		
1569	LOOP SHADY LN TO RIVER RD	M1								A4		
1570	REPLACE 4-INCH ON MARRELL ROAD	M1								A1		
1571	REPLACE 4-INCH ON LORETA ROAD	M1								A1		
1572	REPLACE 4-INCH ON ELDON DRIVE	M1								A1		
1573	REPLACE 10-INCH & 4-INCH IN RECOR RD	M1								A1		
1574	REPLACE 4-INCH IN HAWTHORNE ST	M1								A1		
1575	REPLACE 4-INCH IN CLARKE DRIVE	M1								A1		
1576	REPLACE 4-INCH IN REMER ROAD	M1								A1		
1577	REPLACE 6-INCH CL IN ROSEMARY ST	M1								A1		
1578	REPLACE 8-INCH CL IN PLEASANT ST	M1								A1		
1579	LOOP PLEASANT ST TO URBAN DR	M1								A4		
1580	LOOP LAVELY LN TO RECOR RD	M1								A4		
1581	REPLACE 6-INCH IN LAVELY LANE	M1								A1		
1582	REPLACE 6-INCH IN WOODLAND LN	M1								A1		
1583	REPLACE 6-INCH IN BRYSON LANE	M1								A1		
1584	LOOP ST.CLAIR HGHWY TO KING	M1								A4		
1585	LOOP KING RD TO PUTTYGUT RD	X2								A4		
1586	LOOP MEISNER,SPRINGBORN & KING	X2								A4		
1587	REPLACE DETERIORATED MAINS	M1								A1		
1588	REPLACE WATER METERS	M8								A1		
1589	REHABILITATE TREATMENT PLANT	T10								A6	A1	A2
1590	PROCESS PAINTING TREATMENT PLANT	T10								A1		
1591	REHAB. ELEV. STORAGE	S1								A1		
1592	STANDBY POWER	W4	T99							A1		
1593	STANDBY POWER	W4	T99							A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1552			R	C	4A						8	29775			1/1/1900 0:00	11		
1553			R	C	4A	2D					0.625		21906		1/1/1900 0:00	1		
1554			R	C	2D	4A					0.75		2776		1/1/1900 0:00	1		
1555			R	C	4A	2D					1		167		1/1/1900 0:00	1		
1556			R	C	2D	4A					1.5		344		1/1/1900 0:00	1		
1557			R	C	4A	2D					2		312		1/1/1900 0:00	1		
1558			R	C	4A	2D					3		58		1/1/1900 0:00	1		
1559			R	C	2D	4A					4		15		1/1/1900 0:00	1		
1560			R	C	4A	2D					6		3		1/1/1900 0:00	1		
1561			R	C	1D								690		1/1/1900 0:00	11		
1562			H	F	4A					2.7			1		1/1/1900 0:00	10	9	
1563			H	F	4A					0.5			1		1/1/1900 0:00	11	6	
1564			H	F	4A					0.3			1		1/1/1900 0:00	11	6	
1565			N	F	1F					0.3			1		1/1/1900 0:00	10		
1566			N	F	1F					0.5			1		1/1/1900 0:00	10		
1567			R	F	4A					600			1		1/1/1900 0:00	10		
1568			R	C							8	390			1/1/1900 0:00	11	8	
1569			N	C							8	360			1/1/1900 0:00	8	11	
1570			R	C							8	430			1/1/1900 0:00	11	8	
1571			R	C							8	510			1/1/1900 0:00	8	11	
1572			R	C							8	580			1/1/1900 0:00	8	11	
1573			R	C							8	1190			1/1/1900 0:00	11	8	
1574			R	C							8	370			1/1/1900 0:00	11	8	
1575			R	C							8	1850			1/1/1900 0:00	8	11	
1576			R	C							8	410			1/1/1900 0:00	11	8	
1577			R	C							8	320			1/1/1900 0:00	8	11	
1578			R	C							8	750			1/1/1900 0:00	11	8	
1579			N	F							8	320			1/1/1900 0:00	8	11	
1580			N	C							8	800			1/1/1900 0:00	11	8	
1581			R	C							8	930			1/1/1900 0:00	8	11	
1582			R	C							8	1330			1/1/1900 0:00	11	8	
1583			R	C							8	710			1/1/1900 0:00	8	11	
1584			N	C							8	600			1/1/1900 0:00	11	8	
1585			N	C							12	3250			1/1/1900 0:00	8	11	
1586			N	C							12	13130			1/1/1900 0:00	11	8	
1587			R	C							8	12680			1/1/1900 0:00	10		
1588			R	F	4A						0.625		2022		1/1/1900 0:00	10		
1589			H	C	1F					20			1	9341986	4/1/2007 0:00	6	2	10
1590			H	C	4A					20			1	490050	2/1/2011 0:00	10	4	
1591			H	C	4A					1.5			1		1/1/1900 0:00	10		
1592			R	C	4A					800			1		1/1/1900 0:00	10		
1593			R	C	4A					500			1		1/1/1900 0:00	10		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1552			190							
1553			100							
1554			100							
1555			100							
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1557			100							
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1561			100							
1562			308							
1563			100							
1564			100							
1565			326	304	328					
1566			328	326	304					
1567			100							
1568			100							
1569			100							
1570			100							
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1581			100							
1582			100							
1583			100							
1584			100							
1585			100							
1586			100							
1587			190							
1588			100							
1589			328							
1590			348							
1591			100							
1592			326							
1593			326							

	A	B	C	D
1594	MI0006310	ST JOSEPH	294631	2000
1595	MI0006310	ST JOSEPH	294631	2001
1596	MI0006310	ST JOSEPH	294631	2002
1597	MI0006310	ST JOSEPH	294631	2003
1598	MI0006310	ST JOSEPH	294631	2004
1599	MI0006310	ST JOSEPH	294631	2005
1600	MI0006310	ST JOSEPH	294631	2006
1601	MI0006310	ST JOSEPH	294631	2007
1602	MI0006310	ST JOSEPH	294631	2008
1603	MI0006310	ST JOSEPH	294631	2009
1604	MI0006310	ST JOSEPH	294631	2010
1605	MI0006310	ST JOSEPH	294631	2011
1606	MI0006310	ST JOSEPH	294631	2012
1607	MI0006310	ST JOSEPH	294631	2013
1608	MI0006310	ST JOSEPH	294631	2014
1609	MI0006310	ST JOSEPH	294631	2015
1610	MI0006310	ST JOSEPH	294631	2016
1611	MI0006310	ST JOSEPH	294631	2017
1612	MI0006310	ST JOSEPH	294631	2018
1613	MI0006310	ST JOSEPH	294631	3000
1614	MI0006385	STERLING HEIGHTS	3199680	1000
1615	MI0006385	STERLING HEIGHTS	3199680	1001
1616	MI0006385	STERLING HEIGHTS	3199680	1002
1617	MI0006385	STERLING HEIGHTS	3199680	2003
1618	MI0006385	STERLING HEIGHTS	3199680	2004
1619	MI0006385	STERLING HEIGHTS	3199680	2006
1620	MI0006385	STERLING HEIGHTS	3199680	2007
1621	MI0006385	STERLING HEIGHTS	3199680	2008
1622	MI0006385	STERLING HEIGHTS	3199680	2009
1623	MI0006385	STERLING HEIGHTS	3199680	2010
1624	MI0006385	STERLING HEIGHTS	3199680	2011
1625	MI0006385	STERLING HEIGHTS	3199680	2012
1626	MI0006385	STERLING HEIGHTS	3199680	2013
1627	MI0006385	STERLING HEIGHTS	3199680	3001
1628	MI0006385	STERLING HEIGHTS	3199680	3003
1629	MI0006385	STERLING HEIGHTS	3199680	3004
1630	MI0006385	STERLING HEIGHTS	3199680	3005
1631	MI0006545	TAYLOR	1573440	1000
1632	MI0006545	TAYLOR	1573440	1001
1633	MI0006545	TAYLOR	1573440	2000
1634	MI0006545	TAYLOR	1573440	2001
1635	MI0006545	TAYLOR	1573440	3000

	E	F	G	H	I	J	K	L	M	N	O	P
1594	GENERAL PIPE REPLACE	M1								A1		
1595	REPLACE WATER MAIN-SOUTHERN EASEMENT CONNECTION	M1								A4		
1596	REPLACE WATER MAIN-NORTHERN EASEMENT CONNECTION	M1								A4		
1597	RIVER CROSSING, ANN STREET TO ANCHORS WAY	M1								A4		
1598	REPLACE WATER MAIN KINGSLEY, NILES TO MORTON	M1								A1		
1599	REPLACE WATER MAIN, MORTON, VAN BRUNT TO ORCHARD	M1								A1		
1600	REPLACE WATER MAIN, ORCHARD, MORTON TO LANGLEY	M1								A1		
1601	LAKESHORE, NORTH OF HILLTOP TO SOUTH OF HAWTHORNE	M1								A1		
1602	DUNHAM, JAMES TO CLEVELAND	M1								A1		
1603	VAIL CT AND SOUTH ON LAKESHORE	M1								A1		
1604	HIGHLAND, LAKEVIEW TO SUNNYDALE	M1								A1		
1605	HIGHLAND, MORTON TO WILLA	M1								A1		
1606	ST. JOSEPH, NILES TO MORTON	M1								A1		
1607	COMINGS, NILES TO MORTON	M1								A1		
1608	PIXLEY, COMINGS TO MYRTLE	M1								A1		
1609	WOLCOTT, PIXLEY TO LANGLEY	M1								A1		
1610	MARGARET, LANGLEY TO BEMICE	M1								A1		
1611	ANCHORS WAY, INDUSTRIAL COURT SOUTH	M1								A1		
1612	RIDGEWAY, MARINA TO LIGHTHOUSE	M1								A1		
1613	WATER METERS	M8								A1		
1614	REHAB BOOSTER PUMP STATION	P2								A2		
1615	STANDBY POWER (DIESEL GENERATOR) FOR BOOSTER STATI	W4	M99							A1		
1616	10 MG GROUND STORAGE LOCATED AT BOOSTER	S2								A3		
1617	SECTION 4 ALONG MOUND ROAD - LOOPING	X2								A2	A4	
1618	SECTIONS 30 & 31 ALONG DEQUINDRE AND 14 MILE ROAD	X2								A2	A4	
1619	15 MILE ROAD AND SCHOENHERR TO CONRAIL - LOOPING	X2								A2		
1620	HAYES RD - UTICA TO METROPOLITAN - LOOPING	X2								A2		
1621	14 MILE RD SECTIONS 34&35 - LOOPING PROJECT	X2								A2		
1622	18 MILE RD SECTIONS 11&12 - LOOPING PROJECT	X2								A2		
1623	18 MILE ROAD - LOOPING PROJECT	X2								A4	A2	
1624	REPLACEMENT OF OLD 6-INCH CAST IRON PIPE	M1								A4	A1	
1625	REPLACE DETERIORATED C.I. RESIDENTIAL WATER MAIN	M1								A1		
1626	15 MILE ROAD - SOUTH SIDE AT DAVIDSON - LOOPING PR	X2								A2	A4	
1627	RESIDENTIAL RADIO READ METER, READ SYSTEM	M8								A1		
1628	STANDARD WATER METER REPLACEMENT PROGRAM	M8								A1		
1629	HYDRANT REPLACEMENT PROGRAM FOR PURPOSE OF FLUSHIN	M4								A1		
1630	REPLACE SINGLE CHECK VALVE BACKFLOW PREVENTION DEV	M7								A6		
1631	GROUND STORAGE TANK	S2								A2		
1632	BOOSTER STATION	P2								A2		
1633	REPLACE CORRODED CAST IRON MAINS	M1								A1		
1634	WATERMAIN LOOPING PROJECTS	M1								A7		
1635	REPLACE METERS	M8								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1594			R	C	4A						8	23585			1/1/1900 0:00	11		
1595																		
1596																		
1597																		
1598																		
1599																		
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1601																		
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1610																		
1611																		
1612																		
1613			R	C	2D						0.625		3754		1/1/1900 0:00	11		
1614			H	F	4A					14.4			1		1/1/1900 0:00	10		
1615			R	F	4A					300			1		1/1/1900 0:00	10	20	
1616																		
1617																		
1618			N	C	4A						16	10500		2384500	5/1/2006 0:00	1	20	
1619			N	C							24	13200		1500000	5/1/2006 0:00	20	1	
1620			N	C							16	6900		950000	5/1/2006 0:00	1	20	
1621			N	C							16	4900		700000	5/1/2006 0:00	20	1	
1622			N	C							16	6900		950000	5/1/2006 0:00	20	1	
1623			N	C	4A						16	3500		575000	5/1/2006 0:00	1	20	
1624			R	C	4A						8	31995			1/1/1900 0:00	10	20	
1625			R	C	4A						8	287970			1/1/1900 0:00	10	20	
1626			N	C							8	500		60000	2/1/2010 0:00	1		
1627			R	C	4A						0.75		8000		1/1/1900 0:00	20	10	
1628			R	F	4A						0.75		31400		1/1/1900 0:00	20	10	
1629																		
1630																		
1631			N	C	4A					1.65			1	1155661	11/1/2009 0:00	10	1	
1632			N	C	4A					4.464			1	314763	11/1/2009 0:00	10	1	
1633			R	C	4A						8	157340			1/1/1900 0:00	10		
1634			N	C	2A						8	27220		5062700	11/1/2009 0:00	1	10	
1635			R	F	4A						0.625		20622		1/1/1900 0:00	6	10	

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1594			308	288	340					
1595			118							
1596			118							
1597			118							
1598			118							
1599			118							
1600			118							
1601			118							
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1608			118							
1609			118							
1610			118							
1611			118							
1612			118							
1613			308	340						
1614			100							
1615			326							
1616			212							
1617			122	118	420					
1618			100							
1619			100							
1620			100							
1621			100							
1622			100							
1623			100							
1624			100							
1625			344							
1626			100							
1627			100							
1628			100							
1629			154	262						
1630			180							
1631			290	336						
1632			336							
1633			324							
1634			100							
1635			324	334	340					

	A	B	C	D
1636	MI0006545	TAYLOR	1573440	3001
1637	MI0006545	TAYLOR	1573440	3002
1638	MI0006545	TAYLOR	1573440	3003
1639	MI0006725	CHARTER TOWNSHIP OF UNION	288763	1000
1640	MI0006725	CHARTER TOWNSHIP OF UNION	288763	1001
1641	MI0006725	CHARTER TOWNSHIP OF UNION	288763	1002
1642	MI0006725	CHARTER TOWNSHIP OF UNION	288763	1003
1643	MI0006725	CHARTER TOWNSHIP OF UNION	288763	1004
1644	MI0006725	CHARTER TOWNSHIP OF UNION	288763	1005
1645	MI0006725	CHARTER TOWNSHIP OF UNION	288763	1006
1646	MI0006725	CHARTER TOWNSHIP OF UNION	288763	1007
1647	MI0006725	CHARTER TOWNSHIP OF UNION	288763	1008
1648	MI0006725	CHARTER TOWNSHIP OF UNION	288763	1009
1649	MI0006725	CHARTER TOWNSHIP OF UNION	288763	1010
1650	MI0006725	CHARTER TOWNSHIP OF UNION	288763	1011
1651	MI0006725	CHARTER TOWNSHIP OF UNION	288763	1012
1652	MI0006725	CHARTER TOWNSHIP OF UNION	288763	1013
1653	MI0006725	CHARTER TOWNSHIP OF UNION	288763	1014
1654	MI0006725	CHARTER TOWNSHIP OF UNION	288763	1015
1655	MI0006725	CHARTER TOWNSHIP OF UNION	288763	1016
1656	MI0006725	CHARTER TOWNSHIP OF UNION	288763	1017
1657	MI0006725	CHARTER TOWNSHIP OF UNION	288763	1018
1658	MI0006725	CHARTER TOWNSHIP OF UNION	288763	1019
1659	MI0006725	CHARTER TOWNSHIP OF UNION	288763	2000
1660	MI0006725	CHARTER TOWNSHIP OF UNION	288763	2001
1661	MI0006725	CHARTER TOWNSHIP OF UNION	288763	2002
1662	MI0006725	CHARTER TOWNSHIP OF UNION	288763	2003
1663	MI0006725	CHARTER TOWNSHIP OF UNION	288763	2004
1664	MI0006725	CHARTER TOWNSHIP OF UNION	288763	2005
1665	MI0006725	CHARTER TOWNSHIP OF UNION	288763	2006
1666	MI0006725	CHARTER TOWNSHIP OF UNION	288763	2007
1667	MI0006725	CHARTER TOWNSHIP OF UNION	288763	2008
1668	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3000
1669	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3001
1670	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3002
1671	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3003
1672	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3004
1673	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3005
1674	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3006
1675	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3007
1676	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3008
1677	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3009

	E	F	G	H	I	J	K	L	M	N	O	P
1636	REPLACE LEAD SERVICE LINES	M2								A6		
1637	CONTROL VALVES AT METER PITS	M5								A2		
1638	CONTROL VALVE AT TANK	M5								A2		
1639	WELL #1 ISABELLA WELL SITE	R2								A1		
1640	WELL #2 ISABELLA WELL SITE	R2								A1		
1641	WELL #3 MERIDIAN WELL SITE	R2								A1		
1642	WELL #4 MERIDIAN WELL SITE	R2								A1		
1643	WELL #5 MISSION WELL SITE	R2								A1		
1644	WELL #6 MISSION WELL SITE	R2								A1		
1645	WELL #2A ISABELLA WELL SITE	R2								A1		
1646	AUXILLARY POWER ISABELLA WELL SITE	W4	R99							A1		
1647	AUXILLARY POWER MERIDIAN WELL SITE	R99	W4							A1		
1648	AUXILLARY POWER MISSION WELL SITE	R99	W4							A1		
1649	WELL #1A ISABELLA WELL SITE	R1								A2		
1650	ELEVATED STORAGE TANK BROADWAY	S1								A1		
1651	ELEVATED STORAGE TANK PICKARD	S1								A1		
1652	ELEVATED STORAGE TANK DEERFIELD	S1								A1		
1653	GROUND STORAGE TANK ISABELLA	S2								A1		
1654	WATER TREATMENT PLANT ISABELLA-IRON REMOVAL	T23								A1	A7	
1655	WATER TREATMENT PLANT MISSION - IRON REMOVAL	T23								A7	A1	
1656	WATER TREATMENT PLANT MERIDIAN-IRON REMOVAL	T23								A11	A7	
1657	AUXILARY POWER BROADWAY TOWER	W4	S99							A6	A1	
1658	AUXILARY POWER ISABELLA WELL SITE	R99	W4							A1		
1659	RIVER/BAMBER RD. LOOPING PROJECT	M1								A2		
1660	LINCOLN RD LOOPING PROJECT	M1								A2		
1661	LINCOLN RD. LOOPING PROJECT	M1								A2		
1662	WATERMAIN REPLACEMENT 12-INCH	M1								A1		
1663	WATERMAIN REPLACEMENT 8-INCH	M1								A1		
1664	WATERMAIN REPLACEMENT 10-INCH	M1								A1		
1665	WATERMAIN LOOPING SUMMERTON/PICKARD N	M1								A2		
1666	WATERMAIN LOOPING PICKARD/ENTERPRISE	M1								A2		
1667	WATERMAIN REPLACEMENT	M1								A1		
1668	PRESSURE REDUCING VALVE (PRV) BROADWAY	M6								A1		
1669	PRESSURE REDUCING VALVE (PRV) MISSION RD.	M6								A1		
1670	PRESSURE REDUCING VALVE (PRV) CHANDLER WAY	M6								A1		
1671	PRESSURE REDUCING VALVE (PRV) RIVER RD	M6								A4		
1672	HYDRANT REPLACEMENT	M4								A1		
1673	METER REPLACEMENT	M8								A1		
1674	METER REPLACEMENT	M8								A1		
1675	METER REPLACEMENT	M8								A1		
1676	METER REPLACEMENT	M8								A1		
1677	METER REPLACEMENT	M8								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1636			R	C	1D								840		1/1/1900 0:00	6	10	
1637			N	C	4A								5	1836450	11/1/2009 0:00	10	1	
1638																		
1639			R	F						0.594			1		1/1/1900 0:00	11		
1640			R	F						0.579			1		1/1/1900 0:00	11		
1641			R	F						0.548			1		1/1/1900 0:00	11		
1642			R	F						0.548			1		1/1/1900 0:00	11		
1643			R	C						0.594			1		1/1/1900 0:00	11		
1644			R	C						0.533			1		1/1/1900 0:00	11		
1645			R	F						1.008			1		1/1/1900 0:00	11		
1646			R	F						125			1		1/1/1900 0:00	11		
1647			R	F						125			1		1/1/1900 0:00	11		
1648			R	F						200			1		1/1/1900 0:00	11		
1649			N	F						1.4			1	152650	9/1/2009 0:00	11	2	
1650			H	F						0.2			1		1/1/1900 0:00	11		
1651			H	F						0.5			1		1/1/1900 0:00	11		
1652			H	F						0.2			1		1/1/1900 0:00	11		
1653			H	F						0.5			1		1/1/1900 0:00	11		
1654			H	F	2A					2.016			1		1/1/1900 0:00	11		
1655			H	F	2A					1.15			1		1/1/1900 0:00	11		
1656			H	F	2A					1.15			1		1/1/1900 0:00	11		
1657			R	F	1A					12			1		1/1/1900 0:00	11		
1658			R	F						350			1		1/1/1900 0:00	11		
1659																		
1660																		
1661																		
1662			R	F							12	12879			1/1/1900 0:00	11		
1663			R	F							8	13946			1/1/1900 0:00	11		
1664			R	F							10	366			1/1/1900 0:00	11		
1665																		
1666																		
1667			R	F							6	1683			1/1/1900 0:00	11		
1668			R	F							12		1		1/1/1900 0:00	11		
1669			R	F							8		1		1/1/1900 0:00	11		
1670			R	F							8		1		1/1/1900 0:00	11		
1671			N	F							8		1		1/1/1900 0:00	11		
1672																		
1673			R	F							0.625		1471		1/1/1900 0:00	11		
1674			R	F							1		190		1/1/1900 0:00	11		
1675			R	F							1.5		14		1/1/1900 0:00	11		
1676			R	F							2		156		1/1/1900 0:00	11		
1677			R	F							3		6		1/1/1900 0:00	11		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1636			324							
1637			336							
1638			254							
1639			244							
1640			244							
1641			244							
1642			244							
1643			244							
1644			244							
1645			244							
1646			100							
1647			100							
1648			100							
1649			340	336	324					
1650			100							
1651			100							
1652			100							
1653			100							
1654			334							
1655			334							
1656			334							
1657			334							
1658			328							
1659			216							
1660			216							
1661			216							
1662			100							
1663			100							
1664			100							
1665			212							
1666			212							
1667			100							
1668			100							
1669			100							
1670			100							
1671			100							
1672			262							
1673			100							
1674			100							
1675			100							
1676			100							
1677			100							

	A	B	C	D
1678	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3010
1679	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3011
1680	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3012
1681	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3013
1682	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3014
1683	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3015
1684	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3016
1685	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3017
1686	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3018
1687	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3019
1688	MI0006725	CHARTER TOWNSHIP OF UNION	288763	3020
1689	MI0006900	WARREN, CITY OF	2880877	1000
1690	MI0006900	WARREN, CITY OF	2880877	1001
1691	MI0006900	WARREN, CITY OF	2880877	2000
1692	MI0006900	WARREN, CITY OF	2880877	2001
1693	MI0006900	WARREN, CITY OF	2880877	2002
1694	MI0006900	WARREN, CITY OF	2880877	2003
1695	MI0006900	WARREN, CITY OF	2880877	2004
1696	MI0006900	WARREN, CITY OF	2880877	2005
1697	MI0006900	WARREN, CITY OF	2880877	2006
1698	MI0006900	WARREN, CITY OF	2880877	2007
1699	MI0006900	WARREN, CITY OF	2880877	2008
1700	MI0006900	WARREN, CITY OF	2880877	3000
1701	MI0006900	WARREN, CITY OF	2880877	3001
1702	MI0006900	WARREN, CITY OF	2880877	3002
1703	MI0006900	WARREN, CITY OF	2880877	3003
1704	MI0006900	WARREN, CITY OF	2880877	3004
1705	MI0006900	WARREN, CITY OF	2880877	3005
1706	MI0006900	WARREN, CITY OF	2880877	3006
1707	MI0006900	WARREN, CITY OF	2880877	3007
1708	MI0006900	WARREN, CITY OF	2880877	3008
1709	MI0006900	WARREN, CITY OF	2880877	3009
1710	MI0006900	WARREN, CITY OF	2880877	3010
1711	MI0006910	WATERFORD TOWNSHIP	1940928	1001
1712	MI0006910	WATERFORD TOWNSHIP	1940928	1002
1713	MI0006910	WATERFORD TOWNSHIP	1940928	1003
1714	MI0006910	WATERFORD TOWNSHIP	1940928	1004
1715	MI0006910	WATERFORD TOWNSHIP	1940928	1005
1716	MI0006910	WATERFORD TOWNSHIP	1940928	1006
1717	MI0006910	WATERFORD TOWNSHIP	1940928	1007
1718	MI0006910	WATERFORD TOWNSHIP	1940928	1008
1719	MI0006910	WATERFORD TOWNSHIP	1940928	1009

	E	F	G	H	I	J	K	L	M	N	O	P
1678	METER REPLACEMENT	M8								A1		
1679	METER REPLACEMENT	M8								A1		
1680	METER REPLACEMENT	M8								A1		
1681	METER REPLACEMENT	M8								A1		
1682	VALVE REPLACEMENT	M5								A1		
1683	VALVE REPLACEMENT	M5								A1		
1684	VALVE REPLACEMENT	M5								A1		
1685	BACKFLOW DEVICE ISABELLA	M7								A1		
1686	BACKFLOW DEVICE MISSION	M7								A1		
1687	BULK WATER - BACKFLOW PORTABLE	M7								A1		
1688	VALVE REPLACEMENT	M5								A1		
1689	ELEVATED STORAGE TANK	S1								A3		
1690	10 MG GROUND STORAGE TANK, 20 MG BOOSTER STATION A	W4	S2	P2						A3		
1691	REPLACEMENT OF10% OF DETERIORATED 6 INCH PIPE WITH	M1								A1		
1692	ROUTINE REPLACEMENT OF 10% OF DETERIORATED WATERMA	M1								A1		
1693	ROUTINE REPLACEMENT OF 10% OF DETERIORATED WATERMA	M1								A1		
1694	ROUTINE REPLACEMENT OF 10% OF DETERIORATED WATERMA	M1								A1		
1695	ROUTINE REPLACEMENT OF 10% OF DETERIORATED WATERMA	M1								A1		
1696	ROUTINE REPLACEMENT OF 10% OF DETERIORATED WATERMA	X2								A1		
1697	ROUTINE REPLACEMENT OF 10% OF DETERIORATED WATERMA	X2								A1		
1698	ROUTINE REPLACEMENT OF 10% OF DETERIORATED WATERMA	X2								A1		
1699	ROUTINE REPLACEMENT OF 10% OF DETERIORATED WATERMA	X2								A1		
1700	PRESSURE REDUCING VALVE WN03	M6								A4		
1701	PRESSURE REDUCING VALVE WN04	M6								A4		
1702	PRESSURE REDUCING VALVE WN05	M6								A4		
1703	PRESSURE REDUCING VALVE WN07	M6								A4		
1704	PRESSURE REDUCING VALVE WN01	M6								A4		
1705	METER REPLACEMENT	M8								A1		
1706	METER REPLACEMENT	M8								A1		
1707	METER REPLACEMENT	M8								A1		
1708	METER REPLACEMENT	M8								A1		
1709	METER REPLACEMENT	M8								A1		
1710	REPLACE LEAD SERVICE LINES	M2								A6		
1711	REHAB WELLS 2-3, 16-3, 31-5, 31-6 AT 1.4 MGD EACH	R2								A1		
1712	REHAB WELLS 16-5, 19-1, 12-3 AND 28-1 2.2 MGD EACH	R2								A1		
1713	REHAB WELLS 25-1, 25-3 @ 2.1 MGD EACH	R2								A1		
1714	REHAB WELL 11-1 AT 1.4 MGD	R2								A1		
1715	REHAB WELL 5-1 AT 0.74 MGD	R2								A1		
1716	REHAB WELL 5-3 AT 0.98 MGD	R2								A1		
1717	REHAB WELL 12-1 AT 1.2 MGD	R2								A1		
1718	REHAB WELL 14-1 AT 3.5 MGD	R2								A1		
1719	REHAB WELL 16-1 AT 0.98 MGD	R2								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1678			R	F							4		4		1/1/1900 0:00	11		
1679			R	F							6		1		1/1/1900 0:00	11		
1680			R	F							8		8		1/1/1900 0:00	11		
1681			R	F							10		1		1/1/1900 0:00	11		
1682																		
1683																		
1684																		
1685			R	F							2		1		1/1/1900 0:00	11		
1686			R	F							2		1		1/1/1900 0:00	11		
1687			R	F							2		1		1/1/1900 0:00	11		
1688																		
1689																		
1690																		
1691			R	C	4A						8	29418			1/1/1900 0:00	10		
1692			R	C	4A						8	194817			1/1/1900 0:00	10		
1693			R	C	4A						10	1647			1/1/1900 0:00	10		
1694			R	C	4A						12	49195			1/1/1900 0:00	10		
1695			R	C	4A						16	13011			1/1/1900 0:00	10		
1696																		
1697																		
1698																		
1699																		
1700			N	C	2D						12		1	225617	11/1/2006 0:00	4	10	2
1701			N	C	2D						24		1	512167	11/1/2006 0:00	4	2	10
1702			N	C	2D						24		1	491545	11/1/2006 0:00	4	2	10
1703			N	C	2D						42		1	811943	11/1/2006 0:00	4	2	10
1704			N	C	2D						8		1		1/1/1900 0:00	2	10	
1705			R	C	2D						0.625		44270		1/1/1900 0:00	10	20	
1706			R	C	2D						0.75		15		1/1/1900 0:00	10	20	
1707			R	C	2D						1		3700		1/1/1900 0:00	20	10	
1708			R	C	2D						1.5		1000		1/1/1900 0:00	20	10	
1709			R	C	2D						2		850		1/1/1900 0:00	20	10	
1710			R	C	1D						1		529		1/1/1900 0:00	10		
1711			R	F	4A					1.4			4		1/1/1900 0:00	10		
1712			R	F	4A					2.2			4		1/1/1900 0:00	10		
1713			R	F	4A					2.6			2		1/1/1900 0:00	10		
1714			R	F	4A					1.4			1		1/1/1900 0:00	10		
1715			R	F	4A					0.74			1		1/1/1900 0:00	10		
1716			R	F	4A					0.98			1		1/1/1900 0:00	10		
1717			R	F	4A					1.2			1		1/1/1900 0:00	10		
1718			H	F	4A					3.5			1		1/1/1900 0:00	10		
1719			H	F	4A					0.98			1		1/1/1900 0:00	10		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1678			100							
1679			100							
1680			100							
1681			100							
1682			262	218						
1683			216							
1684			216							
1685			100							
1686			100							
1687			340							
1688			216							
1689			212							
1690			212							
1691			100							
1692			100							
1693			100							
1694			100							
1695			190							
1696			188							
1697			188							
1698			188							
1699			188							
1700			324							
1701			324							
1702			324							
1703			324							
1704			324							
1705			100							
1706			100							
1707			100							
1708			100							
1709			100							
1710			100							
1711			244							
1712			244							
1713			244							
1714			244							
1715			244							
1716			244							
1717			244							
1718			244							
1719			244							

	A	B	C	D
1720	MI0006910	WATERFORD TOWNSHIP	1940928	1010
1721	MI0006910	WATERFORD TOWNSHIP	1940928	1011
1722	MI0006910	WATERFORD TOWNSHIP	1940928	1012
1723	MI0006910	WATERFORD TOWNSHIP	1940928	1026
1724	MI0006910	WATERFORD TOWNSHIP	1940928	1027
1725	MI0006910	WATERFORD TOWNSHIP	1940928	1028
1726	MI0006910	WATERFORD TOWNSHIP	1940928	1029
1727	MI0006910	WATERFORD TOWNSHIP	1940928	1030
1728	MI0006910	WATERFORD TOWNSHIP	1940928	1032
1729	MI0006910	WATERFORD TOWNSHIP	1940928	1033
1730	MI0006910	WATERFORD TOWNSHIP	1940928	1034
1731	MI0006910	WATERFORD TOWNSHIP	1940928	1035
1732	MI0006910	WATERFORD TOWNSHIP	1940928	1036
1733	MI0006910	WATERFORD TOWNSHIP	1940928	1037
1734	MI0006910	WATERFORD TOWNSHIP	1940928	1038
1735	MI0006910	WATERFORD TOWNSHIP	1940928	1039
1736	MI0006910	WATERFORD TOWNSHIP	1940928	1040
1737	MI0006910	WATERFORD TOWNSHIP	1940928	1041
1738	MI0006910	WATERFORD TOWNSHIP	1940928	1042
1739	MI0006910	WATERFORD TOWNSHIP	1940928	1043
1740	MI0006910	WATERFORD TOWNSHIP	1940928	1044
1741	MI0006910	WATERFORD TOWNSHIP	1940928	1045
1742	MI0006910	WATERFORD TOWNSHIP	1940928	1046
1743	MI0006910	WATERFORD TOWNSHIP	1940928	1047
1744	MI0006910	WATERFORD TOWNSHIP	1940928	1048
1745	MI0006910	WATERFORD TOWNSHIP	1940928	2000
1746	MI0006910	WATERFORD TOWNSHIP	1940928	2001
1747	MI0006910	WATERFORD TOWNSHIP	1940928	2002
1748	MI0006910	WATERFORD TOWNSHIP	1940928	2003
1749	MI0006910	WATERFORD TOWNSHIP	1940928	2004
1750	MI0006910	WATERFORD TOWNSHIP	1940928	2007
1751	MI0006910	WATERFORD TOWNSHIP	1940928	3000
1752	MI0006910	WATERFORD TOWNSHIP	1940928	3001
1753	MI0006910	WATERFORD TOWNSHIP	1940928	3002
1754	MI0007120	WILLIAMSTON, CITY OF	179250	1000
1755	MI0007120	WILLIAMSTON, CITY OF	179250	1001
1756	MI0007120	WILLIAMSTON, CITY OF	179250	1002
1757	MI0007120	WILLIAMSTON, CITY OF	179250	1003
1758	MI0007120	WILLIAMSTON, CITY OF	179250	1004
1759	MI0007120	WILLIAMSTON, CITY OF	179250	1005
1760	MI0007120	WILLIAMSTON, CITY OF	179250	1006
1761	MI0007120	WILLIAMSTON, CITY OF	179250	1007

	E	F	G	H	I	J	K	L	M	N	O	P
1720	REHAB WELL 24-1 AT 2.1 MGD	R2								A1		
1721	REHAB WELL 28-3 AT 3.0 MGD	R2								A1		
1722	REHAB WELL 31-1 AT 1.3 MGD	R2								A1		
1723	REHAB WATER TANK 23-TK-1 (LEAD ABATEMENT)	S1								A1		
1724	REHAB WATER TANK 11-TK-1(LEAD ABATEMENT)	S1								A1		
1725	REHAB WATER TANK MACEY DAY 5-TK-1(PAINTING)	S2								A11		
1726	REHAB WATER BOOSTER STATION 5-PS-1	P2								A1		
1727	REHAB WATER BOOSTER STATION 5-BS-1	P2								A1		
1728	CONSTRUCT WATER BOOSTER STATION TO SERVE HILLS OF	P2								A4		
1729	ELEVATED TANK AT SEC 31 HESS HATHWAY SITE	S1								A2		
1730	REPLACE 32-1 WATER TREATMENT PLANT	T20								A2		
1731	MACE DAY WATER TANK ROOF REPLACEMENT	S5								A11		
1732	REHAB IRON & ARSONIC WTPS: M5-1, 12-1, 16-1, 25-1	T20								A1		
1733	REHAB IRON & ARSENIC WTPS: 5-1, 19-1, 24-1	T20								A1		
1734	REHAB FE&AS WTP14-1	T20								A1		
1735	REHAB IRON & ARSENIC WTP 16-2	T20								A1		
1736	REHAB IRON & ARSENIC WTP 28-1	T20								A1		
1737	REPLACE GENERATOR AT 28-1 (WTP)	W4								A1		
1738	REPLACE GENERATOR AT WELL 16-3	W4								A1		
1739	REPLACE GENERATOR AT 24-1	W4								A1		
1740	REPLACE GENERATOR AT 14-1	W4								A1		
1741	REPLACE GENERATOR AT 31-1	W4								A1		
1742	REPLACE GENERATOR WELL 16-1	W4								A1		
1743	REPLACE GENERATOR WELL 19-1	W4								A1		
1744	REPLACE GEN. WELL 12-1	W4								A1		
1745	REPLACEMENT OF OLD CAST IRON MAINS	M1								A1		
1746	REPLACEMENT OF OLD CAST IRON MAINS	M1								A1		
1747	REPLACEMENT OF OLD ASBESTOS CEMENT MAIN	M1								A1		
1748	REPLACEMENT OF OLD ASBESTOS CEMENT MAIN	M1								A1		
1749	REPLACEMENT OF OLD ASBESTOS CEMENT MAIN	M1								A1		
1750	RELINE CAST IRON & A.C. PIPE	M1								A1		
1751	REPLACE OLD SERVICE LINES	M2								A6		
1752	REPLACE ALL WATER METERS	M8								A1		
1753	REPLACE OLD WATER VALVES	M5								A1		
1754	NEW WELL 10, TO REPLACE WELLS 2 & 3	R1								A1		
1755	WATER TREATMENT PLANT	T20								A6	A7	
1756	REHAB WELLS 5, 6 & 8	R1								A1		
1757	REHAB OF WELL 9	R2								A1		
1758	STANDBY POWER GENERATOR	T99	W4	R99						A6		
1759	WATER STORAGE TANK	S1								A1		
1760	ABANDON WELL 2	R5								A11		
1761	ABANDON WELL 3	R5								A11		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1720			H	F	4A					2.1			1		1/1/1900 0:00	10		
1721			H	F	4A					3			1		1/1/1900 0:00	10		
1722			H	F	4A					1.3			1		1/1/1900 0:00	10		
1723			H	C	4A					1.5			1	750000	1/1/2009 0:00	10	4	1
1724			H	C	4A					0.75			1	625000	1/1/2009 0:00	10	4	1
1725																		
1726			H	F	4A					9.3			1		1/1/1900 0:00	10		
1727			H	F	4A					0.6			1		1/1/1900 0:00	10		
1728			N	C	4A					1			2	393750	1/1/2009 0:00	1	10	
1729			N	C	4A					1			1		1/1/1900 0:00	10	20	
1730			H	C	4A					2			1	2125000	1/1/2009 0:00	10	1	
1731			R	C	4A					6			1	1287500	1/1/2009 0:00	10	1	
1732			H	F						2.5			5		1/1/1900 0:00	10	11	
1733			H	F						1.7			3		1/1/1900 0:00	10	11	
1734			H	F						3.5			1		1/1/1900 0:00	10	11	
1735			H	F						1.4			1		1/1/1900 0:00	10	11	
1736			H	F						5.3			1		1/1/1900 0:00	11	10	
1737			R	F						500			1		1/1/1900 0:00	10		
1738			R	F						300			1		1/1/1900 0:00	10		
1739			R	F						500			1		1/1/1900 0:00	10		
1740			R	F						450			1		1/1/1900 0:00	10		
1741			R	F						500			1		1/1/1900 0:00	10		
1742			R	F						250			1		1/1/1900 0:00	10		
1743			R	F						200			1		1/1/1900 0:00	10		
1744			R	F						350			1		1/1/1900 0:00	10		
1745																		
1746																		
1747																		
1748																		
1749																		
1750			H	C								224000		45920000	1/1/2009 0:00	1		
1751			R	C	1D								100		1/1/1900 0:00	10		
1752			R	F	4A						0.625		24350	4572443	2/1/2011 0:00	10	9	
1753			R	C	4A								150	1005000	1/1/2009 0:00	10	1	
1754			R	C	4A					0.43			1	150000	11/1/2009 0:00	4		
1755			N	C	1G	2A				1.3			1	2711389	11/1/2009 0:00	4	7	
1756			H	C	4A									600000	11/1/2009 0:00	4		
1757			H	C	4A					0.65			1		1/1/1900 0:00	10		
1758			N	C	2B					150			1	65000	11/1/2009 0:00	10	4	
1759			H	F	4A					0.4			1		1/1/1900 0:00	4		
1760			N	C						0.2			1		1/1/1900 0:00	10		
1761			N	C						0.16			1		1/1/1900 0:00	10		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1720			244							
1721			244							
1722			244							
1723			324							
1724			324							
1725			262							
1726			100							
1727			100							
1728			100							
1729			100							
1730			312	218	328					
1731			326							
1732			100							
1733			100							
1734			100							
1735			100							
1736			100							
1737			100							
1738			100							
1739			100							
1740			100							
1741			100							
1742			100							
1743			100							
1744			100							
1745			188							
1746			188							
1747			188							
1748			188							
1749			188							
1750			100							
1751			100							
1752			336	340	338					
1753			100							
1754			328							
1755			100							
1756			332							
1757			244							
1758			100							
1759			244	116						
1760			100							
1761			100							

	A	B	C	D
1762	MI0007120	WILLIAMSTON, CITY OF	179250	2000
1763	MI0007120	WILLIAMSTON, CITY OF	179250	2001
1764	MI0007120	WILLIAMSTON, CITY OF	179250	2002
1765	MI0007120	WILLIAMSTON, CITY OF	179250	2003
1766	MI0007120	WILLIAMSTON, CITY OF	179250	2004
1767	MI0007120	WILLIAMSTON, CITY OF	179250	2005
1768	MI0007120	WILLIAMSTON, CITY OF	179250	2006
1769	MI0007120	WILLIAMSTON, CITY OF	179250	2007
1770	MI0007120	WILLIAMSTON, CITY OF	179250	2008
1771	MI0007120	WILLIAMSTON, CITY OF	179250	2009
1772	MI0007120	WILLIAMSTON, CITY OF	179250	2010
1773	MI0007120	WILLIAMSTON, CITY OF	179250	2011
1774	MI0007120	WILLIAMSTON, CITY OF	179250	2012
1775	MI0007120	WILLIAMSTON, CITY OF	179250	3000
1776	MI0007120	WILLIAMSTON, CITY OF	179250	3001
1777	MI0007120	WILLIAMSTON, CITY OF	179250	3002
1778	MI0007120	WILLIAMSTON, CITY OF	179250	3003
1779	MI0007180	WOODHAVEN	237600	2000
1780	MI0007180	WOODHAVEN	237600	2001
1781	MI0007180	WOODHAVEN	237600	2002
1782	MI0007180	WOODHAVEN	237600	3000
1783	MI0007180	WOODHAVEN	237600	3004
1784	MI0007180	WOODHAVEN	237600	3005
1785	MI0007180	WOODHAVEN	237600	3006
1786	MI0007180	WOODHAVEN	237600	3007
1787	MI0007180	WOODHAVEN	237600	3008
1788	MI0007220	WYOMING	1885861	1000
1789	MI0007220	WYOMING	1885861	1001
1790	MI0007220	WYOMING	1885861	1002
1791	MI0007220	WYOMING	1885861	1003
1792	MI0007220	WYOMING	1885861	1004
1793	MI0007220	WYOMING	1885861	1005
1794	MI0007220	WYOMING	1885861	1006
1795	MI0007220	WYOMING	1885861	1007
1796	MI0007220	WYOMING	1885861	1008
1797	MI0007220	WYOMING	1885861	1009
1798	MI0007220	WYOMING	1885861	1010
1799	MI0007220	WYOMING	1885861	1011
1800	MI0007220	WYOMING	1885861	1012
1801	MI0007220	WYOMING	1885861	1013
1802	MI0007220	WYOMING	1885861	1014
1803	MI0007220	WYOMING	1885861	1016

	E	F	G	H	I	J	K	L	M	N	O	P
1762	RAW WATER TRANSMISSION LINE	X1								A11		
1763	RAW WATER TRANSMISSION LINE	X1								A11		
1764	RAW WATER TRANSMISSION LINE	X1								A11		
1765	RAW WATER TRANSMISSION LINE	X1								A11		
1766	INDUSTRIAL PARK DRIVE LOOP WM	M1								A4		
1767	FULLER, MCCAULEY, IRVING, & BISMARK STREETS WM	M1								A4		
1768	HIGH ST. AND GRAND RIVER AVE. LOOP	M1								A4		
1769	HIGH ST. LOOP	M1								A4		
1770	WHITE, LEASIA, CROSSMAN AND FULTON STREETS WM REPL	M1								A4		
1771	NORTH PUTNAM/WEST CHURC ST. WM REPL	M1								A4		
1772	VANNETER RD/MITCHELLROAD/N. PUTNAM ST. LOOP	M1								A4		
1773	MCCORMICK ST/HARVEY DRIVERIVER CROSSING LOOP	M1								A4		
1774	REMAINING 10% PIPE REPLACEMENT	M1								A4		
1775	WATER METER REPLACEMENTS, 1-INCH	M8								A1		
1776	WATER METER REPLACEMENTS, 2-INCH	M8								A1		
1777	WATER METER REPLACEMENTS, 4-INCH	M8								A1		
1778	WATER HYDRANTS REPLACEMENTS	M4								A1		
1779	REPLACEMENT OF OLD DETERIORATED CAST IRON WATER MA	M1								A1		
1780	REPLACEMENT OF OLD DETERIORATED ASBESTOS CEMENT WA	M1								A1		
1781	REPLACEMENT OF OLD DETERIORATED ASBESTOS CEMENT WA	M1								A1		
1782	METER REPLACEMENT PROGRAM (COMMERCIAL)	M8								A1		
1783	REPLACE LEAD SERVICE LINES	M3								A1		
1784	RESIDENTIAL METER REPLACEMENT	M8								A1		
1785	COMMERCIAL METER REPLACEMENT	M8								A1		
1786	COMMERCIAL METER REPLACE	M8								A1		
1787	COMMERCIAL METER REPLACE	M8								A1		
1788	REHAB WATER TREATMENT PLANT	T10								A1		
1789	WTP 2.5 MG TANK	S2								A1		
1790	WTP 5 MG TANK #1	S2								A1		
1791	WTP 5 MG TANK #2	S2								A1		
1792	WTP 5 MG TANK #3	S2								A1		
1793	GEZON NORTH 5 MG TANK	S2								A1		
1794	GEZON SOUTH 5 MG TANK	S2								A1		
1795	GEZON 10 MG TANK	S2								A1		
1796	GEZON 1 MG ELEVATED TANK	S1								A1		
1797	HOOK ELEVATED TANK	S1								A1		
1798	BURLINGAME TANK #1	S2								A1		
1799	BURLINGAME TANK #2	S2								A1		
1800	GEZON HP PUMP STATION	P2								A1		
1801	GEZON LP PUMP STATION	P2								A1		
1802	BURLINGAME PUMP STATION	P2								A1		
1803	INTERMEDIATE TRANSMISSION MAIN PUMP STATION & ASSO	P2								A11		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1762			N	C	4A						16	116			1/1/1900 0:00	8		
1763			N	C	4A						12	2736			1/1/1900 0:00	8		
1764			N	C	4A						8	442			1/1/1900 0:00	8		
1765			N	C	4A						6	136			1/1/1900 0:00	8		
1766																		
1767			R	C	4A						12	3000			1/1/1900 0:00	4		
1768																		
1769																		
1770			R	C	4A						8	3600			1/1/1900 0:00	4		
1771			R	C	4A						12	1600			1/1/1900 0:00	4		
1772																		
1773																		
1774			R	C	4A						8	9679			1/1/1900 0:00	10		
1775			R	C	2D						1		1000		1/1/1900 0:00	10		
1776			R	C	2D						2		25		1/1/1900 0:00	10		
1777			R	C	2D						4		10		1/1/1900 0:00	10		
1778																		
1779			R	F	4A						8	5940			1/1/1900 0:00	10		
1780			R	F	4A						8	8910			1/1/1900 0:00	10		
1781			R	F	4A						12	8910			1/1/1900 0:00	10		
1782			R	C	4A						6		1		1/1/1900 0:00	10		
1783			R	F	4A								4278		1/1/1900 0:00	10		
1784			R	F	4A						0.75		4000		1/1/1900 0:00	10		
1785			R	F							4		10		1/1/1900 0:00	10		
1786			R	F							3		10		1/1/1900 0:00	10		
1787			R	F							2		50		1/1/1900 0:00	10		
1788			H	C	4A					120			1		1/1/1900 0:00	10		
1789			H	F	4A					2.5			1		1/1/1900 0:00	20		
1790			H	F	4A					5			1		1/1/1900 0:00	20		
1791			H	F	4A					5			1		1/1/1900 0:00	20		
1792			H	F	4A					5			1		1/1/1900 0:00	20		
1793			H	F	4A					5			1		1/1/1900 0:00	20		
1794			H	F	4A					5			1		1/1/1900 0:00	20		
1795			H	F	4A					10			1		1/1/1900 0:00	20		
1796			H	F	4A					1			1		1/1/1900 0:00	20		
1797			H	F	4A					2			1		1/1/1900 0:00	20		
1798			H	C	4A					2.5			1		1/1/1900 0:00	20		
1799			H	C	4A					2.5			1		1/1/1900 0:00	20		
1800			H	F	4A					46			1		1/1/1900 0:00	10		
1801			H	F	4A					55.2			1		1/1/1900 0:00	10		
1802			H	F	4A					9.4			1		1/1/1900 0:00	10		
1803																		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1762			100							
1763			100							
1764			100							
1765			100							
1766			118	114						
1767			308							
1768			114	118						
1769			114	118						
1770			308							
1771			308							
1772			114	118						
1773			114	118						
1774			100							
1775			100							
1776			100							
1777			100							
1778			216							
1779			100							
1780			100							
1781			100							
1782			278	308						
1783			100							
1784			100							
1785			280							
1786			280							
1787			280							
1788			100							
1789			100							
1790			100							
1791			100							
1792			100							
1793			100							
1794			100							
1795			100							
1796			100							
1797			100							
1798			100							
1799			100							
1800			100							
1801			100							
1802			100							
1803			114							

	A	B	C	D
1804	MI0007220	WYOMING	1885861	1017
1805	MI0007220	WYOMING	1885861	2000
1806	MI0007220	WYOMING	1885861	2001
1807	MI0007220	WYOMING	1885861	2002
1808	MI0007220	WYOMING	1885861	2003
1809	MI0007220	WYOMING	1885861	2004
1810	MI0007220	WYOMING	1885861	2005
1811	MI0007220	WYOMING	1885861	2006
1812	MI0007220	WYOMING	1885861	2007
1813	MI0007220	WYOMING	1885861	2008
1814	MI0007220	WYOMING	1885861	2009
1815	MI0007220	WYOMING	1885861	2010
1816	MI0007220	WYOMING	1885861	2011
1817	MI0007220	WYOMING	1885861	2012
1818	MI0007220	WYOMING	1885861	3000
1819	MI0007220	WYOMING	1885861	3001
1820	MI0007220	WYOMING	1885861	3002
1821	MI0007220	WYOMING	1885861	3003
1822	MI0007220	WYOMING	1885861	3004
1823	MI0007220	WYOMING	1885861	3005
1824	MI0007220	WYOMING	1885861	3006
1825	MI0007220	WYOMING	1885861	3007
1826	MI0007220	WYOMING	1885861	3008
1827	MI0007220	WYOMING	1885861	3009
1828	MI0007220	WYOMING	1885861	3010
1829	MI0007220	WYOMING	1885861	3011
1830	MI0007220	WYOMING	1885861	3012
1831	MI0007220	WYOMING	1885861	3013
1832	MI0007220	WYOMING	1885861	3014
1833	MI0007220	WYOMING	1885861	3015
1834	MI0007220	WYOMING	1885861	3016
1835	MI0007220	WYOMING	1885861	3017
1836	MI0007220	WYOMING	1885861	3018
1837	MI0007220	WYOMING	1885861	3019
1838	MI0007220	WYOMING	1885861	3020
1839	MI0007220	WYOMING	1885861	3021
1840	MI0007220	WYOMING	1885861	3022
1841	MI0007220	WYOMING	1885861	3023
1842	MI0007220	WYOMING	1885861	3024
1843	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	1000
1844	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	1001
1845	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	1002

	E	F	G	H	I	J	K	L	M	N	O	P
1804	INTAKE REHABILITATION	R7								A1		
1805	STAFFORD AVENUE	M1								A11		
1806	KENOWA AVENUE	M1								A11		
1807	60TH STREET	M1								A11		
1808	56TH STREET	M1								A11		
1809	BURLINGAME AVENUE	M1								A11		
1810	WENTWORTH DRIVE	M1								A11		
1811	28TH STREET	M1								A11		
1812	BERWYN COURT	M1								A11		
1813	MADISON AVENUE	M1								A11		
1814	UNION COURT	M1								A11		
1815	BUCHANAN AVENUE	M1								A11		
1816	REPLACEMENT OF CAST IRON WM	M1								A1		
1817	INTERCONNECT W/HOLLAND BPW	X2								A8	A11	
1818	REPLACE 5/8 INCH METERS	M8								A1		
1819	REPLACE 1 INCH METERS	M8								A1		
1820	REPLACE 1 1/2 INCH METERS	M8								A1		
1821	REPLACE 2 INCH METERS	M8								A1		
1822	REPLACE 3 INCH METERS	M8								A1		
1823	REPLACE 4 INCH METERS	M8								A1		
1824	REPLACE 6 INCH METERS	M8								A1		
1825	REPLACE 8 INCH METERS	M8								A1		
1826	REPLACE PRESSURE VACUUM BREAKERS	M7								A1		
1827	REPLACE PRESSURE VACUUM BREAKERS	M7								A1		
1828	REPLACE PRESSURE VACUUM BREAKERS	M7								A1		
1829	REPLACE PRESSURE VACUUM BREAKERS	M7								A1		
1830	REPLACE DOUBLE CHECK VALVE ASSEMBLIES	M7								A1		
1831	REPLACE DOUBLE CHECK VALVE ASSEMBLIES	M7								A1		
1832	REPLACE DOUBLE CHECK VALVE ASSEMBLIES	M7								A1		
1833	REPLACE REDUCED PRESSURE PRINCIPAL BACKFLOW PREVEN	M7								A1		
1834	REPLACE REDUCED PRESSURE PRINCIPAL BACKFLOW PREVEN	M7								A1		
1835	REPLACE REDUCED PRESSURE PRINCIPAL BACKFLOW PREVEN	M7								A1		
1836	REPLACE REDUCED PRESSURE PRINCIPAL BACKFLOW PREVEN	M7								A1		
1837	REPLACE REDUCED PRESSURE PRINCIPAL BACKFLOW PREVEN	M7								A1		
1838	REPLACE REDUCED PRESSURE PRINCIPAL BACKFLOW PREVEN	M7								A1		
1839	REPLACE REDUCED PRESSURE PRINCIPAL BACKFLOW PREVEN	M7								A1		
1840	REPLACE REDUCED PRESSURE PRINCIPAL BACKFLOW PREVEN	M7								A1		
1841	REPLACE REDUCED PRESSURE PRINCIPAL BACKFLOW PREVEN	M7								A1		
1842	REPLACE REDUCED PRESSURE PRINCIPAL BACKFLOW PREVEN	M7								A1		
1843	BRIDGE ROAD PUMP STATION	P2								A4		
1844	ELLSWORTH ROAD PUMP STATION IMPROVEMENTS	P1	M99							A1		
1845	MERRITT ROAD PUMP STATION IMPROVEMENTS	P2								A4		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1804																		
1805			N	C							8	450		65000	3/1/2011 0:00	10	1	
1806																		
1807																		
1808																		
1809			N	C							16	1700		230000	7/1/2003 0:00	10	1	
1810			N	C							8	300		24000	7/1/2003 0:00	1	10	
1811			N	C							8	850		125000	3/1/2011 0:00	10	1	
1812			N	C							6	350		55000	3/1/2011 0:00	10	1	
1813			N	C							8	1200		96000	7/1/2003 0:00	10	1	
1814			N	C							6	1500		90000	7/1/2003 0:00	10	1	
1815																		
1816			R	C							8	188586			1/1/1900 0:00	20		
1817			N	C	4A						30	24800		2960500	3/1/2009 0:00	3	8	2
1818			R	F							0.625		19595		1/1/1900 0:00	20		
1819			R	F							1		1304		1/1/1900 0:00	20		
1820			R	F							1.5		468		1/1/1900 0:00	20		
1821			R	F							2		448		1/1/1900 0:00	20		
1822			R	F							3		80		1/1/1900 0:00	20		
1823			R	F							4		13		1/1/1900 0:00	20		
1824			R	F							6		13		1/1/1900 0:00	20		
1825			R	F							8		1		1/1/1900 0:00	20		
1826			R	F							1		8		1/1/1900 0:00	10		
1827			R	F							1.25		9		1/1/1900 0:00	10		
1828			R	F							1.5		7		1/1/1900 0:00	10		
1829			R	F							2		38		1/1/1900 0:00	10		
1830			R	F							0.75		1		1/1/1900 0:00	10		
1831			R	F							2.5		3		1/1/1900 0:00	10		
1832			R	F							4		5		1/1/1900 0:00	10		
1833			R	F							0.75		11		1/1/1900 0:00	10		
1834			R	F							1		10		1/1/1900 0:00	10		
1835			R	F							1.25		1		1/1/1900 0:00	10		
1836			R	F							1.5		10		1/1/1900 0:00	10		
1837			R	F							2		29		1/1/1900 0:00	10		
1838			R	F							2.5		2		1/1/1900 0:00	10		
1839			R	F							3		6		1/1/1900 0:00	10		
1840			R	F							4		5		1/1/1900 0:00	10		
1841			R	F							6		4		1/1/1900 0:00	10		
1842			R	F							8		1		1/1/1900 0:00	10		
1843			H	F	4A								1	2502430	3/1/2007 0:00	4	1	
1844																		
1845			H	F	4A					11			1	1217700	3/1/2007 0:00	4	1	

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1804			216							
1805			100							
1806			114							
1807			114							
1808			114							
1809			100							
1810			100							
1811			100							
1812			100							
1813			100							
1814			100							
1815			122							
1816			100							
1817	6		324							
1818			100							
1819			100							
1820			100							
1821			100							
1822			100							
1823			100							
1824			100							
1825			100							
1826			100							
1827			100							
1828			100							
1829			100							
1830			100							
1831			100							
1832			100							
1833			100							
1834			100							
1835			100							
1836			100							
1837			100							
1838			100							
1839			100							
1840			100							
1841			100							
1842			100							
1843			336	348						
1844			162							
1845			100							

	A	B	C	D
1846	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	1003
1847	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	1004
1848	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	1005
1849	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	1006
1850	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	1007
1851	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	1008
1852	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	1009
1853	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	1010
1854	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	1011
1855	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	1012
1856	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	1013
1857	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2000
1858	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2001
1859	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2002
1860	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2003
1861	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2004
1862	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2005
1863	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2006
1864	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2007
1865	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2008
1866	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2009
1867	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2010
1868	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2011
1869	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2012
1870	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2013
1871	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2014
1872	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2015
1873	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2016
1874	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2017
1875	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2018
1876	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2019
1877	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2020
1878	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2021
1879	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2022
1880	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2023
1881	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2024
1882	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2025
1883	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2026
1884	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2027
1885	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2028
1886	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2029
1887	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2030

	E	F	G	H	I	J	K	L	M	N	O	P
1846	ELLSWORTH ROAD - ADDITIONAL STORAGE	S2								A3		
1847	HOLMES ROAD PS	P2								A1		
1848	HOLMES ROAD STORAGE	S2								A1		
1849	BRIDGE ROAD STORAGE	S2								A1		
1850	STONE TOWER	S1								A1		
1851	SHADFORD TOWER	S1								A1		
1852	ELLSWORTH GROUND STORAGE	S2								A1		
1853	TEXTILE ROAD PS	P2								A1		
1854	CLARK ROAD PS	P2								A1		
1855	GENERATOR REPLACEMENT	W4	M99							A1		
1856	MERRIT RD. GENERATOR	W4								A1		
1857	CROSS-WASHTENAW TO CITY BOUNDARY	M1								A1		
1858	GOLFSIDE-PACKARD TO CLARK	M1								A1		
1859	HEWITT-MICHIGAN TO PACKARD	M1								A4	A1	
1860	RUSSELL/FORD BOULEVARD	M1								A4	A1	
1861	CORNELL ST. HURON RIVER-WASHTENAW	M1								A1		
1862	TEXTILE RD-HURON RIVER TO RAWSONVILLE	M1								A1		
1863	HURON RIVER DR-FOREST TO CORNELL	M1								A1		
1864	RAW WATER LINE REUSE-PH 1	X2								A1		
1865	ECORSE/EMERICK/I-94-PH 1	M1								A1		
1866	HARRIET STREET	M1								A1		
1867	SOUTHEAST TRANSMISSION- PH 1	X2								A1	A4	
1868	BRADLEY/SNOW/1-94-PH 1	M1								A1		
1869	MAUS ST EMERICK TO PROSPECT	M1								A1		
1870	SOUTHEAST TRANSMISSION-PH 2	X2								A1		
1871	AIRPORT ROAD	X2								A1		
1872	CLARK ROAD	M1								A1		
1873	SOUTHEAST TRANSMISSION-PH3	X2								A1		
1874	ECORSE/EMERICK/I-94-PH 2	M1								A1		
1875	RIVER ST FOREST TO MICHIGAN	M1								A1	A4	
1876	TEXTILE RD. STONY CREEK TO WHITTAKER	M1								A1		
1877	SOUTHEAST TRANSMISSION-PH 4	X2								A1		
1878	BRADLEY/SNOW/I-94-PH2	M1								A1		
1879	CROSS STREET HURON RIVER DR. TO HURON RIVER	M1								A1		
1880	TEXTILE RD. WHITTKER TO HURON RIVER DRIVE	M1								A1		
1881	OREGON/DEVONSHIRE/KANSAS-PH 1	M1								A4	A1	
1882	EMERICK STREET ECORSE RD TO TYLER RD.	M1								A1		
1883	OREGON/DEVONSHIRE/KANSAS-PH 2	M1								A1		
1884	SPRING ST. HURON TO PROSPECT	M1								A1		
1885	ROWLEY COURT	M1								A1	A4	
1886	YOUNG/JOHNSON	M1								A1	A4	
1887	RAW WATER LINE REUSE-PH 2	X2								A1		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1846			N	F	4A					5			1	6772275	3/1/2007 0:00	1	4	
1847			H	C						4.2			1		1/1/1900 0:00	10		
1848			H	F						2			1		1/1/1900 0:00	10		
1849			H	F						5			2		1/1/1900 0:00	10		
1850			H	F	4A					0.25			1		1/1/1900 0:00	10		
1851			H	F	4A					1			1		1/1/1900 0:00	10		
1852			H	F	4A					3			1		1/1/1900 0:00	10		
1853			H	F	4A					6			1		1/1/1900 0:00	10		
1854			H	F	4A					3			1		1/1/1900 0:00	10		
1855			R	F	4A					175			3		1/1/1900 0:00	10		
1856			R	F	4A					130			1		1/1/1900 0:00	10		
1857			R	F	4A						12	4300		1078650	3/1/2007 0:00	1	4	
1858			R	F	4A						16	5400		1595700	3/1/2007 0:00	1	4	
1859			R	F	4A						16	6300		1846800	3/1/2007 0:00	4	1	
1860			R	F	4A						8	1800		406603	3/1/2007 0:00	1		
1861			R	F	4A						8	4000			1/1/1900 0:00	1		
1862																		
1863			R	F	4A						16	7740		2123820	3/1/2007 0:00	1		
1864			H	F	4A						24	8600		3836261	3/1/2007 0:00	1		
1865			R	F	4A						8	7400		1559535	3/1/2007 0:00	1		
1866			R	F	4A						8	3630		540162	3/1/2007 0:00	1		
1867			R	F	4A						36	5000		2929500	3/1/2007 0:00	1		
1868			R	F	4A						8	5500		1178850	3/1/2007 0:00	1		
1869			R	F	4A						16	1460		299376	3/1/2007 0:00	1		
1870			R	F	4A						36	5500		3420900	3/1/2007 0:00	1		
1871			R	F	4A						24	2640		1525500	3/1/2007 0:00	1		
1872			R	F	4A						12	9400		2259900	3/1/2007 0:00	1		
1873			R	F	4A						36	3200		1874880	3/1/2007 0:00	1		
1874			R	F	4A						8	7400		1527075	3/1/2007 0:00	1		
1875			R	F	4A						8	3220		707940	3/1/2007 0:00	1		
1876			R	F	4A						16	3370		623220	3/1/2007 0:00	1		
1877			R	F	4A						36	2000		1510110	3/1/2007 0:00	1		
1878			R	F	4A						8	5500		1178850	3/1/2007 0:00	1		
1879			R	F	4A						12	600		326700	3/1/2007 0:00	1		
1880			R	F	4A						16	6660		1918080	3/1/2007 0:00	1		
1881			R	F	4A						8	5800		1220800	3/1/2007 0:00	1		
1882			R	F	4A						8	1450		204120	3/1/2007 0:00	1		
1883			R	F	4A						8	5600		1176000	3/1/2007 0:00	1		
1884			R	F	4A						16	4830		1384290	3/1/2007 0:00	1		
1885			R	F	4A						8	280		71400	3/1/2007 0:00	1		
1886			R	F	4A						8	4620		905973	3/1/2007 0:00	1		
1887			H	F	4A						24	8400		3558060	3/1/2007 0:00	1		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1846			336							
1847			324	340	308	326				
1848			340	324	308	326				
1849			326	324	308	340				
1850			100							
1851			100							
1852			100							
1853			340							
1854			340							
1855			100							
1856			100							
1857			100							
1858			100							
1859			100							
1860			272							
1861			308							
1862			200							
1863			100							
1864			272							
1865			272							
1866			100							
1867			336							
1868			272							
1869			100							
1870			100							
1871			100							
1872			336							
1873			100							
1874			272							
1875			100							
1876			100							
1877			340							
1878			272							
1879			336	340						
1880			100							
1881			100							
1882			100							
1883			100							
1884			100							
1885			100							
1886			272							
1887			100							

	A	B	C	D
1888	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2031
1889	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2032
1890	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2033
1891	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2034
1892	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2035
1893	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2036
1894	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2037
1895	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2038
1896	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2039
1897	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2040
1898	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2041
1899	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2042
1900	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2043
1901	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2044
1902	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2045
1903	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2046
1904	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2047
1905	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2048
1906	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2049
1907	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2050
1908	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2051
1909	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2052
1910	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2053
1911	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2054
1912	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2055
1913	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2056
1914	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2057
1915	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2058
1916	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2059
1917	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2060
1918	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2061
1919	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2062
1920	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2063
1921	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2064
1922	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2065
1923	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2066
1924	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2067
1925	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2068
1926	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	2069
1927	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	3000
1928	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	3001
1929	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	3002

	E	F	G	H	I	J	K	L	M	N	O	P
1888	HEATHER RIDGE	M1								A1		
1889	STONY CREEK	M1								A1		
1890	FAIRVIEW HILLS	M1								A1	A4	
1891	WILLIAM AVENUE/OUTER LANE	M1								A1		
1892	HAMILTON STREET	M1								A1		
1893	OREGON/DEVONSHIRE/KANSAS-PH3	M1								A1		
1894	MORGAN RD WEST OF ELLIS	M1								A1		
1895	BAGLEY AVENUE	M1								A1		
1896	BEVERLY STREET	M1								A1		
1897	BUNTON ROAD PH 1	M1								A1		
1898	OREGON/DEVONSHIRE/KANSAS-PH 4	M1								A1		
1899	BUNTON ROAD PH 2	M1								A1		
1900	NORTHEAST AREA-PH 1	M1								A1	A3	A4
1901	GROVE RD-GEORGINA TO EMERICK	M1								A1		
1902	NORTHEAST AREA-PH 2	M1								A1		
1903	NORTHEAST AREA-PH3	M1								A4	A1	
1904	FAIRVIEW HEIGHTS	M1								A4	A1	
1905	NORTHEAST AREA-PH 4	M1								A1	A4	
1906	PASADENA/WILSON	M1								A4	A1	
1907	WOODRUFF COURT	M1								A1	A4	
1908	NORTHEAST AREA-PH 5	M1								A1	A4	
1909	WOODLAND COURT	M1								A4	A1	
1910	MANSFIELD AREA	M1								A4	A1	
1911	GAULT AREA	M1								A1	A4	
1912	ORCHARDS AREA	M1								A4	A1	
1913	LAKEVIEW AREA	M1								A1	A4	
1914	NEVADA STREET	M1								A4	A1	
1915	WEST WILLOW AREA	M1								A4	A1	
1916	MICHIGAN AVENUE - PROSPECT TO PARK	M1								A1	A4	
1917	RUSSELL FORD BLVD. UNPUMPED FROM 2003	M1								A1	A4	
1918	RAW WATER REUSE UNLUMPED FROM 2007	X2								A1		
1919	ECOURSE/EMERICK/I-94 UNLUMPED FROM 2008	M1								A1		
1920	BRADLEY/SNOW/I-94 UNLUMPED FROM 2011	M1								A1		
1921	ECOURSE/EMERICK PH. II UNLUMPED FROM 2017	M1								A1		
1922	BRADLEY/SNOW PH.II UNLUMPED FROM 2021	M1								A1		
1923	YOUNG/JOHNSON UNLUMPED FROM 2029	M1								A1		
1924	NORTHEAST AREA PH II UNLUMPED FROM 2045	M1								A1		
1925	NORTHEAST AREA PH III UNLUMPED FROM 2046	M1								A1		
1926	LAKEVIEW AREA UNLUMPED FROM 2056	M1								A1		
1927	METER REPLACEMENT - 2011-12	M8								A1		
1928	METER RADIO READ- 2011-12	M8								A1		
1929	METERS-NEW-2011-12	M8								A10		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1888																		
1889			R	F	4A						16	4500		1231200	3/1/2007 0:00	1		
1890			R	F	4A						8	9560		1851120	3/1/2007 0:00	1		
1891			R	F	4A						8	1260		268920	3/1/2007 0:00	1		
1892			R	F	4A						8	6030		1276560	3/1/2007 0:00	1		
1893			R	F	4A						8	5200		1100400	3/1/2007 0:00	1		
1894			R	F	4A						12	860		230850	3/1/2007 0:00	1		
1895			R	F	4A						8	1950		407700	3/1/2007 0:00	1		
1896			R	F	4A						12	2450		636525	3/1/2007 0:00	1		
1897			R	F	4A						16	2600		761400	3/1/2007 0:00	1		
1898			R	F	4A						8	5000		1047200	3/1/2007 0:00	1		
1899			R	F	4A						16	2700		785700	3/1/2007 0:00	1		
1900			R	F	4A						8	12200		2413800	3/1/2007 0:00	1		
1901			R	F	4A						8	1060		217620	3/1/2007 0:00	1		
1902			R	F	4A						8	1100		223889	3/1/2007 0:00	1		
1903			R	F	4A						8	11475		2208130	3/1/2007 0:00	1		
1904			R	F	4A						8	1800		367200	3/1/2007 0:00	1		
1905			R	F	4A						8	5000		1017900	3/1/2007 0:00	1		
1906			R	F	4A						8	1940		389880	3/1/2007 0:00	1		
1907																		
1908			R	F	4A						8	3000		599400	3/1/2007 0:00	1		
1909			R	F	4A						8	2550		515700	3/1/2007 0:00	1		
1910			R	F	4A						8	5070		964440	3/1/2007 0:00	1		
1911			R	F	4A						8	14600		3005100	3/1/2007 0:00	1		
1912			R	F	4A						8	4960		954720	3/1/2007 0:00	1		
1913			R	F	4A						8	14300		2278433	3/1/2007 0:00	1		
1914			R	F	4A						8	650		137200	3/1/2007 0:00	1		
1915			R	F	4A						8	4590		902880	3/1/2007 0:00	1		
1916			R	F	4A						8	1800		378000	4/1/2009 0:00	1		
1917			R	F	4A						12	2165		485409	3/1/2007 0:00	1		
1918			H	F	4A						16	2200		456603	3/1/2007 0:00	1		
1919			R	F	4A						12	600		106465	3/1/2007 0:00	1		
1920			R	F	4A						12	4700		1218350	3/1/2007 0:00	1		
1921			R	F	4A						12	600		138925	3/1/2007 0:00	1		
1922			R	F	4A						12	4700		1191350	3/1/2007 0:00	1		
1923			R	F	4A						12	570		127992	3/1/2007 0:00	1		
1924			R	F	4A						12	11480		2119171	3/1/2007 0:00	1		
1925			R	F	4A						12	625		74720	3/1/2007 0:00	1		
1926			R	F	4A						12	4000		686167	3/1/2007 0:00	1		
1927			R	C	4A						0.625		19987		1/1/1900 0:00	10		
1928																		
1929																		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1888			216	212						
1889			100							
1890			100							
1891			100							
1892			100							
1893			100							
1894			100							
1895			336							
1896			100							
1897			100							
1898			100							
1899			100							
1900			340							
1901			100							
1902			272							
1903			272							
1904			100							
1905			340	336						
1906			100							
1907			212	216						
1908			340	336						
1909			100							
1910			340							
1911			100							
1912			100							
1913			272							
1914			100							
1915			100							
1916			100							
1917			280							
1918			280							
1919			280							
1920			280							
1921			280							
1922			280							
1923			280							
1924			280							
1925			280							
1926			280							
1927			342							
1928			212	200						
1929			212	200						

	A	B	C	D
1930	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	3003
1931	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	3004
1932	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	3005
1933	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	3006
1934	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	3007
1935	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	3008
1936	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	3009
1937	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	3010
1938	MI0007260	YPSILANTI COMMUNITY UTILITY AUTHORITY	1694880	3011

	E	F	G	H	I	J	K	L	M	N	O	P
1930	WILLOW RUN AIRPORT- MASTER METERS	M8								A1		
1931	EMU-DOUBLE CHECK VALVE 2011	M7								A6		
1932	EMU-DOUBLE CHECK VALVE - 2012	M7								A6		
1933	EMU-DOUBLE CHECK VALVE -2013	M7								A6		
1934	METER REPLACEMENT - 2012-13	M8								A1		
1935	METER RADIO READ - 2012-13	M8								A1		
1936	METERS-NEW-2012-13	M8								A10		
1937	METER REPLACEMENT-2013-14	M8								A1		
1938	LEAD SERVICE LINES	M2								A6		

	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
1930			N	C	4A						16		2		1/1/1900 0:00	1		
1931			N	F	2B						12		2		1/1/1900 0:00	10		
1932			N	F	2B						6		2		1/1/1900 0:00	10		
1933			N	F	2B						8		2		1/1/1900 0:00	10		
1934																		
1935																		
1936																		
1937																		
1938			R	C	1D								400		1/1/1900 0:00	10		

	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
1930			308							
1931			308							
1932			308							
1933			308							
1934			212	200						
1935			212	200						
1936			212	200						
1937			200	212						
1938			100							

Appointment

From: Thelen, Mary Beth (DEQ) [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=2E6B0A1B35E848C2AEF280DEAB234EBE-THELEN MARY BETH]

Sent: 10/20/2014 9:07:52 PM

To: Thelen, Mary Beth (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=2e6b0a1b35e848c2aef280deab234ebe-Thelen Mary Beth]; Wyant, Dan (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=8611ead77a7849dfb1f405f32c226cf9-WyantD]; Shekter Smith, Liane (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=f8157efaafd2404899c8ad3a4197c53a-Shekter Smith Liane]; Busch, Stephen (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd27547c9c1a403a86507dc7f5702eba-Busch Stephen]

CC: Shaler, Karen (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e2ec1785ee664275ad91f25fd7edd1fa-Shaler Karen]; Willard, Veronica (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=8c708ec8a43b4722822abab4978a1302-WILLARDV]; Sygo, Jim (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0796575dd22644db9442342aa7953076-Sygo Jim]; Prysby, Mike (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5db07892eaa740c09adbb62a79add8f4-Prysby Mike]

Subject: Darrell Early Meeting on City of Flint - Darrell Happens to be in Lansing on October 29

Location: Mayor's Conference Room, 1st Fl. Municipal Center, 1101 S. Saginaw Street, Flint, MI.

Start: 10/29/2014 2:00:00 PM

End: 10/29/2014 5:15:00 PM

Show Time As: Tentative

Required Attendees: Wyant, Dan (DEQ); Shekter Smith, Liane (DEQ); Busch, Stephen (DEQ)

Status Update:

Meeting Notice Includes Travel Time to Flint

Darrell Early, EM for City of Flint will not be in Lansing on October 29 as originally planned but has asked that the Director come to Flint and he can meet at 10:00 on Wednesday, October 29.

Please plan to travel with the Director:

I will need Liane, Stephen
Mike P. (optional depending on Jury Duty)
Sygo (optional based on schedule)

Thank you.

Mary Beth

MBT's Notes:
Good Morning Mary Beth:

Wednesday morning would work best for me. I would also like to invite Director Wyatt to Flint. We could meet at 10:00 AM in the Mayor's Conference Room, 1st Fl. Municipal Center, 1101 S. Saginaw Street, Flint, MI.

I have a standing 9:00 AM conference call meeting that morning with Treasury, the Governor's office, and the Michigan State Police. That usually runs between 30 and 45 minutes. Please let me know if this works.

I appreciate the opportunity to meet with Director on this very crucial issue in the City of Flint. You can also call me direct at 810.237.2057. My cellphone number is PPI

Sincerely,

Error! Filename not specified.
Darnell Earley, ICMA-CM, MPA
Emergency Manager
Flint, MI

Message

From: Goddard, Matthew (DEQ) [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BCBAC7E5779D49C48C8999FA7C4C4072-GODDARD MATTHEW]
Sent: 9/3/2014 5:37:07 PM
To: Prysby, Mike (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5db07892eaa740c09adbb62a79add8f4-Prysby Mike]; Busch, Stephen (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd27547c9c1a403a86507dc7f5702eba-Busch Stephen]
Subject: FW: Peas-ish caller

Mike and Steve,

Please see the email chain below. The SEMI WRD received a PEAS call potentially regarding the Flint water intake in Lake Huron. Kris Donaldson forwarded your contact information to me.

I was wondering if you have received notice today of any issues regarding the project. As you will see below, we have received a report of sheen in Lake Huron, potentially near the project area.

Could you either provide an update on the situation if you are informed, or provide contact information for a contractor or consultant associated with the project who may know more information?

Thank you in advance for your time. FYI, I attempted to reach you via phone, I will try again if I don't hear from you within the hour.

Regards,

Matt Goddard

Water Resources Division

Michigan DEQ

From: Donaldson, Kristina (DEQ)
Sent: Wednesday, September 03, 2014 1:16 PM
To: Goddard, Matthew (DEQ)
Subject: RE: Peas-ish caller

Mike Prysby 517-290-8817 or his Supervisor Stephen Busch 517-643-2314 would be the ones to contact.

From: Goddard, Matthew (DEQ)
Sent: Wednesday, September 03, 2014 12:23 PM
To: Donaldson, Kristina (DEQ)
Subject: Fwd: Peas-ish caller

Hey Kris,

Please see below, sounds like a possible PEAS report on the Flint water intake project in Lake Huron. I know this isn't your project, but are you able to provide a staff contact for me to talk so we can get a call into the contractor?

Thanks,

M. Goddard

Begin forwarded message:

From: "Goddard, Matthew (DEQ)" <GODDARDM@michigan.gov>
Date: September 3, 2014 at 12:18:30 PM EDT
To: "Dirasian, Natalie (DEQ)" <DirasianN@michigan.gov>
Cc: "Hazelton, Jennifer (DEQ)" <HAZELTONJ@michigan.gov>, "Bahrou, Andrew (DEQ)" <BAHROUA@michigan.gov>, "Koerner, Jessica (DEQ)" <KOERNERJ@michigan.gov>, "Hendges, Martin (DEQ)" <HENDGESM@michigan.gov>, "Varughese, Lishba (DEQ)" <VARUGHESEL@michigan.gov>, "Rudolph, Brian (DEQ)" <RUDOLPHB1@michigan.gov>, "Yoon, Hae-Jin (DEQ)" <YOONH@michigan.gov>
Subject: Re: Peas-ish caller

I'll take care of this. A drinking water intake is being installed in that area, I'll talk with Kris D.

Matt

On Sep 3, 2014, at 12:09 PM, "Dirasian, Natalie (DEQ)" <DirasianN@michigan.gov> wrote:

All –

Received a transferred call from the Lansing office. Caller, John Busch, lives in Birchville and is reporting a sheen of oil on the top of Lake Huron and is reporting that oil is coming up on the beach. Mentioned there is boring and large barges putting in some sort of line. I have not been able to reach anyone within our office for assistance with the caller, I did page when I was at the front and took this call. Can someone please contact him to receive further information? Also whomever responds, please notify everyone so all are aware that this has been taken care of.

John Busch

PPI

Thanks,

Natalie

Natalie Dirasian

Water Resources Division

Southeast Michigan District Office

Michigan Department of Environmental Quality

27700 Donald Court

Warren, MI 48092

Direct: 586-753-3787 Fax: 586-751-4690

Main: 586-753-3700

DirasianN@michigan.gov

Message

From: Goddard, Matthew (DEQ) [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BCBAC7E5779D49C48C8999FA7C4C4072-GODDARD MATTHEW]
Sent: 9/3/2014 5:48:05 PM
To: Busch, Stephen (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd27547c9c1a403a86507dc7f5702eba-Busch Stephen]; Prysby, Mike (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5db07892eaa740c09adbb62a79add8f4-Prysby Mike]
Subject: RE: Peas-ish caller

Thanks Steve. I will stay tuned for more information from Mike.

Matt Goddard

Water Resources Division

Michigan DEQ

From: Busch, Stephen (DEQ)
Sent: Wednesday, September 03, 2014 1:46 PM
To: Goddard, Matthew (DEQ); Prysby, Mike (DEQ)
Subject: RE: Peas-ish caller

Matt, I have not received any issues regarding this project. They have been working on getting the intake crib structure in place and starting to place pipe from the crib to shore this past week. Mike Prysby may have more information.

Stephen Busch, P.E.

Lansing and Jackson District Supervisor

Office of Drinking Water and Municipal Assistance

MDEQ

517-643-2314

From: Goddard, Matthew (DEQ)
Sent: Wednesday, September 03, 2014 1:37 PM

To: Prysby, Mike (DEQ); Busch, Stephen (DEQ)
Subject: FW: Peas-ish caller

Mike and Steve,

Please see the email chain below. The SEMI WRD received a PEAS call potentially regarding the Flint water intake in Lake Huron. Kris Donaldson forwarded your contact information to me.

I was wondering if you have received notice today of any issues regarding the project. As you will see below, we have received a report of sheen in Lake Huron, potentially near the project area.

Could you either provide an update on the situation if you are informed, or provide contact information for a contractor or consultant associated with the project who may know more information?

Thank you in advance for your time. FYI, I attempted to reach you via phone, I will try again if I don't hear from you within the hour.

Regards,

Matt Goddard

Water Resources Division

Michigan DEQ

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To: Goddard, Matthew (DEQ)
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From: "Goddard, Matthew (DEQ)" <GODDARDM@michigan.gov>
Date: September 3, 2014 at 12:18:30 PM EDT
To: "Dirasian, Natalie (DEQ)" <DirasianN@michigan.gov>
Cc: "Hazelton, Jennifer (DEQ)" <HAZELTONJ@michigan.gov>, "Bahrou, Andrew (DEQ)" <BAHROUA@michigan.gov>, "Koerner, Jessica (DEQ)" <KOERNERJ@michigan.gov>, "Hendges, Martin (DEQ)" <HENDGESM@michigan.gov>, "Varughese, Lishba (DEQ)" <VARUGHESEL@michigan.gov>, "Rudolph, Brian (DEQ)" <RUDOLPHB1@michigan.gov>, "Yoon, Hae-Jin (DEQ)" <YOONH@michigan.gov>
Subject: Re: Peas-ish caller

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Matt

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John Busch

PPI

Thanks,

Natalie

Natalie Dirasian

Water Resources Division

Southeast Michigan District Office

Michigan Department of Environmental Quality

27700 Donald Court

Warren, MI 48092

Direct: 586-753-3787 Fax: 586-751-4690

Main: 586-753-3700

DirasianN@michigan.gov

Message

From: Goddard, Matthew (DEQ) [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BCBAC7E5779D49C48C8999FA7C4C4072-GODDARD MATTHEW]

Sent: 9/3/2014 7:02:37 PM

To: Busch, Stephen (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd27547c9c1a403a86507dc7f5702eba-Busch Stephen]; Prysby, Mike (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5db07892eaa740c09adbb62a79add8f4-Prysby Mike]; Rudolph, Brian (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a29d35a403aa4f61a3395bcd324bdd77-Rudolph Brian]

CC: Hartz, Andrew (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b1ebce8fa5694f39af4611c9f30788ef-Hartz Andrew]; Custodio, Theresa (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=45ec1232be5c4184a7904cc408e47b87-Custodio Theresa]; Yoon, Hae-Jin (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=50de1c8e003547269adee9cd065b3a7b-Yoon Hae-Jin]; Fairchild, Kathleen (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=10fd300982a64a88a37e2a0f6c104c99-Fairchild Kathleen]; Cronk, Kip (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3926fdac32c946048ce3d52cc22af907-Cronk Kip]

Subject: RE: Peas-ish caller

All,

Please see the emails below regarding a PEAS report that may be originating from the City of Flint water intake project.

After further discussion and investigation, it appears that the Flint water intake project was permitted under Part 325 from the Saginaw Bay District Office and the drinking water portion of the project was reviewed by the Lansing District Office, with ownership of the intake belonging to city of Flint.

I have been asked by my supervisor to refer this issue to respective districts and associated staff.

Best Regards,

Matt Goddard

Water Resources Division

Michigan DEQ

From: Goddard, Matthew (DEQ)
Sent: Wednesday, September 03, 2014 1:48 PM
To: Busch, Stephen (DEQ); Prysby, Mike (DEQ)
Subject: RE: Peas-ish caller

Thanks Steve. I will stay tuned for more information from Mike.

Matt Goddard

Water Resources Division

Michigan DEQ

From: Busch, Stephen (DEQ)
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To: Goddard, Matthew (DEQ); Prysby, Mike (DEQ)
Subject: RE: Peas-ish caller

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Stephen Busch, P.E.

Lansing and Jackson District Supervisor

Office of Drinking Water and Municipal Assistance

MDEQ

517-643-2314

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To: Prysby, Mike (DEQ); Busch, Stephen (DEQ)
Subject: FW: Peas-ish caller

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I was wondering if you have received notice today of any issues regarding the project. As you will see below, we have received a report of sheen in Lake Huron, potentially near the project area.

Could you either provide an update on the situation if you are informed, or provide contact information for a contractor or consultant associated with the project who may know more information?

Thank you in advance for your time. FYI, I attempted to reach you via phone, I will try again if I don't hear from you within the hour.

Regards,

Matt Goddard

Water Resources Division

Michigan DEQ

From: Donaldson, Kristina (DEQ)
Sent: Wednesday, September 03, 2014 1:16 PM
To: Goddard, Matthew (DEQ)
Subject: RE: Peas-ish caller

Mike Prysby 517-290-8817 or his Supervisor Stephen Busch 517-643-2314 would be the ones to contact.

From: Goddard, Matthew (DEQ)
Sent: Wednesday, September 03, 2014 12:23 PM
To: Donaldson, Kristina (DEQ)
Subject: Fwd: Peas-ish caller

Hey Kris,

Please see below, sounds like a possible PEAS report on the Flint water intake project in Lake Huron. I know this isn't your project, but are you able to provide a staff contact for me to talk so we can get a call into the contractor?

Thanks,

M. Goddard

Begin forwarded message:

From: "Goddard, Matthew (DEQ)" <GODDARDM@michigan.gov>
Date: September 3, 2014 at 12:18:30 PM EDT
To: "Dirasian, Natalie (DEQ)" <DirasianN@michigan.gov>
Cc: "Hazelton, Jennifer (DEQ)" <HAZELTONJ@michigan.gov>, "Bahrou, Andrew (DEQ)" <BAHROUA@michigan.gov>, "Koerner, Jessica (DEQ)" <KOERNERJ@michigan.gov>, "Hendges, Martin (DEQ)" <HENDGESM@michigan.gov>, "Varughese, Lishba (DEQ)" <VARUGHESEL@michigan.gov>, "Rudolph, Brian (DEQ)" <RUDOLPHB1@michigan.gov>, "Yoon, Hae-Jin (DEQ)" <YOONH@michigan.gov>
Subject: Re: Peas-ish caller

I'll take care of this. A drinking water intake is being installed in that area, I'll talk with Kris D.

Matt

On Sep 3, 2014, at 12:09 PM, "Dirasian, Natalie (DEQ)" <DirasianN@michigan.gov> wrote:

All –

Received a transferred call from the Lansing office. Caller, John Busch, lives in Birchville and is reporting a sheen of oil on the top of Lake Huron and is reporting that oil is coming up on the beach. Mentioned there is boring and large barges putting in some sort of line. I have not been able to reach anyone within our office for assistance with the caller, I did page when I was at the front and took this call. Can someone please contact him to receive further information? Also whomever responds, please notify everyone so all are aware that this has been taken care of.

John Busch

PPI

Thanks,

Natalie

Natalie Dirasian

Water Resources Division

Southeast Michigan District Office

Michigan Department of Environmental Quality

27700 Donald Court

Warren, MI 48092

Direct: 586-753-3787 Fax: 586-751-4690

Main: 586-753-3700

DirasianN@michigan.gov

Message

From: Custodio, Theresa (DEQ) [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=45EC1232BE5C4184A7904CC408E47B87-CUSTODIO THERESA]
Sent: 9/3/2014 8:29:10 PM
To: Prysby, Mike (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5db07892eaa740c09adbb62a79add8f4-Prysby Mike]; Busch, Stephen (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd27547c9c1a403a86507dc7f5702eba-Busch Stephen]; Goddard, Matthew (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bcbac7e5779d49c48c8999fa7c4c4072-Goddard Matthew]; Rudolph, Brian (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a29d35a403aa4f61a3395bcd324bdd77-Rudolph Brian]
CC: Hartz, Andrew (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b1ebce8fa5694f39af4611c9f30788ef-Hartz Andrew]; Yoon, Hae-Jin (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=50de1c8e003547269adee9cd065b3a7b-Yoon Hae-Jin]; Fairchild, Kathleen (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=10fd300982a64a88a37e2a0f6c104c99-Fairchild Kathleen]; Cronk, Kip (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3926fdac32c946048ce3d52cc22af907-Cronk Kip]
Subject: RE: Peas caller

Hello All,

I was in that general area today and did not notice any sheens on the water upshore or downshore of the pipeline –I was looking at the shoreline of 2 separate homes for High Risk Erosion compliance, and the water was clear everywhere I went.

Thanks,

Theresa

From: Prysby, Mike (DEQ)
Sent: Wednesday, September 03, 2014 3:41 PM
To: Busch, Stephen (DEQ); Goddard, Matthew (DEQ); Rudolph, Brian (DEQ)
Cc: Hartz, Andrew (DEQ); Custodio, Theresa (DEQ); Yoon, Hae-Jin (DEQ); Fairchild, Kathleen (DEQ); Cronk, Kip (DEQ)
Subject: RE: Peas caller

Matt,

At this point, I do not have any additional information pertaining to the oil sheen or PEAS incident. I tried to contact Genesee Co. staff who are directly involved with the project; however, they are out for remainder of the day. The KWA-Intake consultant is Rowe Professional Services – Mr. Jim Redding (810) 341-7500 I also contacted the Saginaw Bay office. They did not have a contact for the contractor info handy; however, they informed me that WRD has taken enforcement action against Worth Twp (which borders the shoreline – including the project site) for discharge violations from their WWTP. I will be meeting with Genesee County staff tomorrow morning and will ask if they are aware of this situation and will obtain consultant contact information. Mr. Charlie Bauer from WRD is the contact person for further information concerning the WWTP situation.

Michael Prysby, P.E.

District Engineer

Office of Drinking Water and Municipal Assistance

517 290-8817

From: Busch, Stephen (DEQ)
Sent: Wednesday, September 03, 2014 3:18 PM
To: Goddard, Matthew (DEQ); Prysby, Mike (DEQ); Rudolph, Brian (DEQ)
Cc: Hartz, Andrew (DEQ); Custodio, Theresa (DEQ); Yoon, Hae-Jin (DEQ); Fairchild, Kathleen (DEQ); Cronk, Kip (DEQ)
Subject: RE: Peas-ish caller

Ownership is Karegnondi Water Authority (Genesee Co.) not the City of Flint.

Stephen Busch, P.E.

Lansing and Jackson District Supervisor

Office of Drinking Water and Municipal Assistance

MDEQ

517-643-2314

From: Goddard, Matthew (DEQ)
Sent: Wednesday, September 03, 2014 3:03 PM
To: Busch, Stephen (DEQ); Prysby, Mike (DEQ); Rudolph, Brian (DEQ)
Cc: Hartz, Andrew (DEQ); Custodio, Theresa (DEQ); Yoon, Hae-Jin (DEQ); Fairchild, Kathleen (DEQ); Cronk, Kip (DEQ)
Subject: RE: Peas-ish caller

All,

Please see the emails below regarding a PEAS report that may be originating from the City of Flint water intake project.

After further discussion and investigation, it appears that the Flint water intake project was permitted under Part 325 from the Saginaw Bay District Office and the drinking water portion of the project was reviewed by the Lansing District Office, with ownership of the intake belonging to city of Flint.

I have been asked by my supervisor to refer this issue to respective districts and associated staff.

Best Regards,

Matt Goddard

Water Resources Division

Michigan DEQ

From: Goddard, Matthew (DEQ)
Sent: Wednesday, September 03, 2014 1:48 PM

To: Busch, Stephen (DEQ); Prysby, Mike (DEQ)
Subject: RE: Peas-ish caller

Thanks Steve. I will stay tuned for more information from Mike.

Matt Goddard

Water Resources Division

Michigan DEQ

From: Busch, Stephen (DEQ)
Sent: Wednesday, September 03, 2014 1:46 PM
To: Goddard, Matthew (DEQ); Prysby, Mike (DEQ)
Subject: RE: Peas-ish caller

Matt, I have not received any issues regarding this project. They have been working on getting the intake crib structure in place and starting to place pipe from the crib to shore this past week. Mike Prysby may have more information.

Stephen Busch, P.E.

Lansing and Jackson District Supervisor

Office of Drinking Water and Municipal Assistance

MDEQ

517-643-2314

From: Goddard, Matthew (DEQ)
Sent: Wednesday, September 03, 2014 1:37 PM
To: Prysby, Mike (DEQ); Busch, Stephen (DEQ)
Subject: FW: Peas-ish caller

Mike and Steve,

Please see the email chain below. The SEMI WRD received a PEAS call potentially regarding the Flint water intake in Lake Huron. Kris Donaldson forwarded your contact information to me.

I was wondering if you have received notice today of any issues regarding the project. As you will see below, we have received a report of sheen in Lake Huron, potentially near the project area.

Could you either provide an update on the situation if you are informed, or provide contact information for a contractor or consultant associated with the project who may know more information?

Thank you in advance for your time. FYI, I attempted to reach you via phone, I will try again if I don't hear from you within the hour.

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Water Resources Division

Michigan DEQ

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Cc: "Hazelton, Jennifer (DEQ)" <HAZELTONJ@michigan.gov>, "Bahrou, Andrew (DEQ)" <BAHROUA@michigan.gov>, "Koerner, Jessica (DEQ)" <KOERNERJ@michigan.gov>, "Hendges, Martin (DEQ)" <HENDGESM@michigan.gov>, "Varughese, Lishba (DEQ)" <VARUGHESEL@michigan.gov>, "Rudolph, Brian (DEQ)" <RUDOLPHB1@michigan.gov>, "Yoon, Hae-Jin (DEQ)" <YOONH@michigan.gov>
Subject: Re: Peas-ish caller

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John Busch

PPI

Thanks,

Natalie

Natalie Dirasian

Water Resources Division

Southeast Michigan District Office

Michigan Department of Environmental Quality

27700 Donald Court

Warren, MI 48092

Direct: 586-753-3787 Fax: 586-751-4690

Main: 586-753-3700

DirasianN@michigan.gov

From: Looney, Carolyn (DEQ)
Sent: Thursday, January 22, 2015 11:14 AM
To: Prysby, Mike (DEQ);Busch, Stephen (DEQ)
Cc: Benzie, Richard (DEQ)
Subject: Voicemail from Ms. Ann Newell, 810-262-9459

I received a voicemail yesterday at 1:17 pm from Ms. Ann Newell, 810-262-9459. She is the Infection Control Manager at Hurley Medical Center in Flint. She would like a call back to let you know about the issues and concerns they are dealing with at the hospital regarding the bad water in Flint. Please give her a call. Thanks!!

Carolyn Looney
Secretary for the Environmental Health Section
Office of Drinking Water and Municipal Assistance
Michigan Department of Environmental Quality
Phone: 517-284-6535
Fax: 517-241-1328
Email: looneyc@mi.gov

From: Prysby, Mike (DEQ)
Sent: Tuesday, August 26, 2014 1:42 PM
To: John O'Brien (J_O'BRIEN@gcdcwws.com);Dave Jansen
Subject: Intake Launch

I have an additional staff person who wishes to observe the launch of the intake; however, he has a late afternoon time constraint. Will the launch be promptly at 2pm or is does it include a public event (similar to the Flint WTP Switchover) with the actual launching following the event (1/2 to 1 hour later)? Our travel plans will need to be adjusted to accommodate a later launch time.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

From: Prysby, Mike (DEQ)
Sent: Monday, September 15, 2014 11:37 AM
To: Tim Davidek;"mhorgan@gcdcwws.com".GWIA.SOM-GWIA01
Subject: Pumpage reporting

Tim, Mark

Upon determining GCDC's yearly pumpage (ADD and MDD), we have three sources: GCDC's monthly report, Flint's monthly report, and GCDC's annual pumpage report. Unfortunately, none of these sources agree with one another. GCDC's MOR in most cases reports lower total purchased water…..the annual pumpage report is typically the highest, and the Flint MOR usually falls in between…. We have been using GCDC's annual pumpage report for determining ADD and MDD; however, we would like to verify that this is the correct source to use. It would also be worthwhile to investigate the reason for the discrepancy between each of the three sources.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

From: Prysby, Mike (DEQ)
Sent: Friday, November 14, 2014 4:21 PM
To: Busch, Stephen (DEQ);Cook, Pat (DEQ)
Subject: GCDC WTP Oct 2014 PDR
Attachments: WTP PDR Nov 2014 - comments.doc

Steve, Pat

Attached are my review comments concerning the Genesee County WTP – Oct 2014 PDR. I did not include our comments pertaining to the pre-treatment portion of the PDR; however, these can be added as needed. Feel free to provide any additional comments or modification(s) to mine. Thanks.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

GCDC WTP
Project Design Report
MDEQ Comments
11/14/2014

1. The WTP will be designed as two 15-MGD treatment trains. Are the unit processes inter-connected between each treatment train? Overview – Page 1

2. Is there a drop-dead date for Lapeer to commit to KWA? Will the low-lift station be constructed with the capability to add pumps for Lapeer at a future date? Sec. 3.1 (3) Page 4

3. We are assuming that access for cleaning the passive intake screens will be provided, please confirm. Will a spare Y w. screen be provided for redundancy? Sec. 3.2 Page 5

4. The suction header has been increased to 66-inches in diameter. What is the sustained capacity of the suction header? What is the maximum anticipated entrance velocity into the intake pipe? Sec. 3.3 Page 5

5. Why are single-stage mixed-flow pumps being selected for low-lift as opposed to turbine pumps? Sec. 3.3 Page 6

6. Gate style valves on the pump suction and discharge headers (low-lift) may be better suited for VFD controls. Sec. 3.4 Page 6

7. Surge control valves for each pump are discussed on Page 6; however, Figure 8 shows one surge control valve on the low-service discharge header to Flint. Please clarify. Also, the surge control valve on the Flint discharge header needs to be downstream of all four pumps. Is surge protection being provided for the discharge header to Lapeer?

8. Can the VFDs be used interchangeably within each set of low lift pumps? Sec. 3.6 Page 7

9. The chemical feed and storage rooms and pump rooms will share the same superstructure. The DEQ recommends that the gas chlorination feed and storage be housed in a separate building. Sec. 10 – Page 18; however, states that the chlorine feed and storage area will be housed in a separate building from the WTP. Please

clarify. Sec. 4 – Page 7

10. Given that 8 filters are provided, the 4-filter rule applies, ref. R 325.11006 (c).....The statement that total filter capacity will be less when filters are off-line for backwashing is incorrect. Sec. 8 – Page 12.

11. Loading rates in excess of 3.0 gpm/sqft will be approved after successful completion of an approved pilot test or full-scale piloting while the WTP is in operation. Page 12

12. The filter underdrain system will incorporate air-scour as part of backwashing. Can the air compressor (sized at 4,500 cfm) accommodate more than one backwash simultaneously? Page 13

13. Will the main filter effluent consist of a single combined filter effluent (CFE) or a multiple CFE? Page 14

14. We are assuming the potassium permanganate dosage of 1.0ppm (125 lbs/day of dry chem) is based on 15 MGD flow rate. Is the dry chem. 100% available KMNO4? Sec. 9.1 – Page 15

15. The dosage rate of 5ppm being 83.5 lbs/mgal needs to be changed to 41.7 lbs/mgal. Sec. 9.5 – Page 16.

16. As we discussed in our previous meetings, the WTP (initially classified as a DF WTP) will not be re-classified as a conventional WTP. Acceptable full-scale piloting results could allow the WTP to be eligible for a higher treatment plant rating; however, while maintaining a DF designation. Sec. 11 – Page 19.

17. Two treated water clearwells (1.3 Mgal each) are proposed which will provide a total treated storage volume of 2.6 MGAL and would provide an additional 1.0 log removal for Giardia as required for Direct Filtration. The hydraulic gradeline in Figure 4; however, shows working volume of the clearwells (difference between the HWL and LWL) of only 0.86 MGAL. Adequate CT must be achieved in the clearwells for 1.0 Log removal based on the actual operating conditions.

18. The finished water storage reservoir capacity of 2.6 MGAL limits the maximum rated capacity to 19 MGD based on the direct filtration designation to achieve 1.0 Log removal for giardia (assume 1.0 ppm

CL2 under the worst case condition). A finished water reservoir sized at 4.0 MGAL will increase the WTP's rated capacity to 30 MGD yet maintain 1.0 Log removal for giardia under the worst case condition.

19. How will CT be achieved if the finished water reservoirs are bypassed? Sec. 11 – Page 21

20. How far east of Baxter & Potter is the existing 72-inch transmission main owned by Genesee County? Sec. 12 – Page 21

21. 48 hour filter run times are short. Sec. 13 – Page 21

22. Are there provisions to de-water treatment plant residuals? Sec. 13 – Page 22:

23. Process monitoring from the raw water pump station includes turbidity, pH, temp, etc….will redundant storage of this information be provided? Sec. 14 – Page 23

24. The April 2014 PDR includes a section for ventilation (Sec. 16.2) and mentions ventilation for the chemical feed and storage rooms. The ventilation section is not included in the October 2014 PDR. Sec. 16 – Mechanical Facilities

From: Prysby, Mike (DEQ)
Sent: Wednesday, December 10, 2014 7:30 AM
To: Busch, Stephen (DEQ);Cook, Pat (DEQ)
Subject: FW: Genesee County WTP: Responses to MDEQ Comments
Attachments: Responses to MDEQ Nov 2014 Comments.doc; Raw Water Storage Reservoir_ 092314.pdf; System Curves_Flint Raw Water_9-24-2014.pdf; GCRW Pump System Curves_11-11-14.pdf; CT Calcs Memo 103014.pdf

Steve, Pat

Below, are the responses to our comments pertaining to GCDC's WTP PDR.....from GCDC's consultant. I plan to review the comment plus the recently received 30% WTP plans prior to the Xmas holiday. I have 3 sets of the 30% plan in my office and can provide you with a set for your review as needed.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

From: Winegard, Mike [mailto:Mike.Winegard@aecom.com]
Sent: Tuesday, December 09, 2014 5:13 PM
To: Prysby, Mike (DEQ)
Cc: John O'Brien; djansen@gcdcwws.com; Matt Raysin; Kevin VanSickle (kvansickle@gcdcwws.com); Tharp, Ed; Laucamp, Chad
Subject: FW: Genesee County WTP: Responses to MDEQ Comments

Mike,
The response to the MDEQ comments is attached. Please let us know if you have any questions.
Thanks,
Mike

AECOM has sent you 2 files using AECOM's File Transfer System

These files will be available for download until 12/16/2014

File	Description	Size
CenTROL Brochure.pdf		1,298KB
Hydroburst System Slides (6) Slides.pptx		1,188KB

Download all files (.zip)

If you are having trouble accessing the links in this email, you can view this message as a web page by copying the following link and pasting it into your browser:

https://sendfiles.aecom.com/message.aspx?msgId=937a87b6-61c3-4d3d-9e4e-46064901167b&u=chad.laucamp%40aecom.com

Michael H. Winegard, P.E.
Vice President, Water, North America
D 312.373.6631
Internal Cisco Extension 2276631
Mike.winegard@aecom.com

AECOM
303 E. Wacker Drive, Suite 1400, Chicago, IL 60601
T 312.373.7700 F 312.373.6800
www.aecom.com

GCDC WTP
Project Design Report
MDEQ Comments
11/24/2014

1. The WTP will be designed as two 15-MGD treatment trains. Are the unit processes inter-connected between each treatment train? Also, additional supply can be provided from storage for a limited timeframe. Please quantify "limited timeframe". Overview – Page 1
   Yes the two-15 mgd treatment trains will be interconnected at the following locations: 1) upstream of the rapid mix tanks; 2) upstream of the filters; and 3) upstream of the finished water reservoir. During average day flow conditions, an additional 5 days of an average day of water supply can be provided by utilizing existing storage within the GCDC distribution system.

2. The discussion in Sec. 2.1- Page 2 (Raw Water Storage Sizing Factors) should be simplified following our most recent discussion.
   The section on raw water sizing factors has been modified and is attached as a memorandum entitled Raw Water Reservoir Storage Reservoir – GCDC-WWS Water Treatment Plant, dated September 23, 2014.

3. GCDC should plan for an additional 125 MGAL of raw water storage for Phase 2 Storage (2025-2045). Also, 125 MGAL of additional storage (Proposed Phase 2 Storage) is discussed in the updated Raw Water Reservoir Storage report dated October 20, 2014.
   Following the recent purchase of properties adjacent to the WTP site, GCDC now has space to construct an additional 125 MG raw water impoundment south of the proposed 125 MG raw water impoundment in the future.

4. Sec 3.1 Part 1 mentions that space will be provided in the raw water pump room for two VFDs for two of the four GCDC WTP low lift pumps. Are two VFDs going to be provided at this time or is the space provision for future VFDs?
   Two VFD's will be initially be provided for each set of pumps, and while no additional VFD are anticipated in the future, there is available space to accommodate two future VFD's.

5. The hydraulic capacity of both GCDC pumps and all four of Flint's pumps in operation (Sec 3.1 Page 4) will not equate to the sum of the individual pump capacities. What is the maximum raw water pumping capacity (GCDC WTP and supply to Flint) based upon the individual pump curves and discharge piping.
   We realize that the capacity per pump drops off due to increasing frictional losses as more than one pump operate in parallel. System curves have been developed that take account of the static head conditions for the pumps,

friction loss in the piping, and minor losses associated with valves and fittings. The preliminary system curves are attached for the GCDC pumps and Flint pumps. The rated capacity for the pumps is determined based on system head at the maximum design flow rates, and based on three pumps operating in parallel for the maximum flow condition. The design maximum pumping capacity is 45-MGD for the GCDC raw water pumps, and 18-MGD for the Flint raw water pumps.

6. Is there a drop-dead date for Lapeer to commit to KWA? Will the low-lift station be constructed with the capability to add pumps for Lapeer at a future date? Sec. 3.1 (3) Page 4
   A drop-dead date has come and passed for Lapeer to join KWA. However, the pump room will be constructed with the capability to potentially add pumps for Lapeer at a future date.

7. We are assuming that access for cleaning the passive intake screens will be provided, please confirm. Will a spare Y w. screen be provided for redundancy? Sec. 3.2 Page 5
   The screens are fully submerged cylindrical screens, so there is no access to the screens. Cleaning of the screens will be accomplished using a Hydroburst™ compressed air system of the type provided by Johnson Screen. A PowerPoint file providing some informational slides on the compressed air cleaning system is attached. Access to a screen is not required for cleaning, as compressed air piping extended to each screen conveys the air burst used for cleaning. There are no plans to provide a spare Y w. screen for redundancy. The impoundment has a bypass around it in case it has to be taken out of service.

8. What reservoir condition(s) provide the design capacity (65 MGD) for each 60-inch intake screen? Can this capacity be provided at the impoundment's lowest operating level? Also, will the design capacity meet the service area's future needs 66 MGD (GCDC - 45mgd, Flint - 18mgd, Lapeer - 3 mgd)?
   The proposed facilities are being designed based on the water level in the reservoir ranging between Elev. +827.0 and +837.0 under normal operating conditions, and as low as Elev.+810.0 under abnormal low water level conditions. The top of screen elevation will be Elev.+805.0. The screens require a water depth of 5-ft above and 5-ft below the horizontal centerline of the screen for full capacity operation. The design length of the screens will be increased slightly to provide a capacity of 66 MGD. It should be noted that KWA is only contracted for 60 MGD, but assuming an additional 10% for treatment loss, the total is 66 MGD.

9. The suction header has been increased to 66-inches in diameter. What is the sustained capacity of the suction header? What is the maximum anticipated entrance velocity into the intake pipe? Sec. 3.3 Page 5
   The sustained capacity of the 66" suction header is dependent on the head and flow capacity of the raw water pumps in relation to the frictional losses

associated with flow through the header, and on static head conditions for the system. The capacity of the header is also dependent on the net positive suction head (NPSH) requirements of the pumps in relation to the available NPSH. As stated in response to question #5, the rated capacities for the GCDC and Flint raw water pumps is determined based on calculations of static head and friction head loss in the piping system. The NPSH requirements of the pumps are being evaluated and the pumps will be adequately submerged in the pump cans to satisfy the required NPSH in the proposed pumping station design configuration. The velocity of flow in the 66" header will be about 4.3 fps at 66-MGD, which is within design guidelines. The intake screens are located at the entrance to the 66" intake pipe, and the screens are sized for 0.5 fps maximum slot velocity.

10. Why are single-stage mixed-flow pumps being selected for low-lift as opposed to turbine pumps? Is adequate net positive suction head available to utilize this type of pump? Sec. 3.3 Page 6
Because the operating head is too low for turbine pumps. Pumps are being selected that are capable of operating under the available NPSH conditions. The NPSH requirements for the mixed flow pumps under consideration are not substantially different as compared to vertical turbine pumps for the Flint raw water supply.

11. Gate style valves on the pump suction and discharge headers (low-lift) may be better suited for VFD controls. We also recommend a combination of hydraulically actuated cone valves and motor actuated check valves to provide additional operational redundancy in the event of a widespread power outage or a loss of pressure that would prevent proper operation of these valves. Sec. 3.4 Page 6
We do not understand why gate valves would be better suited for pump operation when using VFD controls on the pumps. If MDEQ prefers that gate valves be used for isolation valves at the pumps rather than butterfly valves, then we will incorporate gate valves into design of the proposed pump station. We do not support use of both hydraulically actuated cone valves and motor actuated check valves on pump discharge lines. This level of redundancy is unnecessary and would needlessly add to the construction cost of the facility. Our current design intent is to provide a multi-function pump check valve and motorized throttling valve in the raw water pump discharge lines. We are switching from the Checktronic valve by GA Industries to the Type GBZ valve by Adams. The check valve does not rely on electrical power to close, so therefore a redundant cone valve is unnecessary.

12. Surge control valves for each pump are discussed on Page 6; however, Figure 8 shows one surge control valve on the low-service discharge header to Flint. Please clarify. Also, the surge control valve on the Flint discharge header needs to be downstream of all four pumps. Is surge protection being provided for the discharge header to Lapeer?
Two types of valves will be used, surge relief valves and surge control valves. The valve described in MDEQ's comment as a surge control valve on the low-

service discharge header to Flint is actually a surge relief valve. It functions to relieve the build-up of high surge pressure in the discharge header to the low pressure suction header. This surge relief valve was shown only on the piping system for the Flint pumps because this system was initially thought to operate at the highest pressure and the system has a very long transmission main. These conditions would make the Flint pumping system more susceptible to hydraulic surges than the Genesee County raw water pumping system, where operating head is low and the length of the piping system is only a fraction as long as the Flint system. The combination valve mentioned on page 6 of the PDR performs a surge control function by slowly opening on pump start-up and slowly closing when a stop command is given for pump operation. The slow action minimizes (controls) the occurrence of surge pressure. The Type GBZ Adams valve also provides surge control by using an oil filled hydraulic cylinder and piston to cushion valve closure. Surge control valves (Type GBZ by Adams or Checktronic by GA Industries) will be used for all pumps in the station. The pump station layout allows for the installation of surge relief valves on the future Lapeer raw water pumps if it is determined in the future to be necessary.

13. Can the VFDs be used interchangeably within each set of low lift pumps? Sec. 3.6 Page 7

No, each set of four low lift pumps will have two dedicated VFD's. Due to the cost of a Kirk Key system, they will not be able to be used on each of the four pumps.

14. The chemical feed and storage rooms and pump rooms will share the same superstructure. The DEQ recommends that the gas chlorination feed and storage be housed in a separate building. Sec. 10 – Page 18; however, states that the chlorine feed and storage area will be housed in a separate building from the WTP. Please clarify. Sec. 4 – Page 7

The gas chlorination feed and storage rooms will be housed in a separate building, as shown on the preliminary site plan.

15. Does the proposed enclosure of the filter and pre-treatment area provide better temp/humidity control for other areas of the WTP as opposed to standard block or concrete construction? Page 8

Yes, the use of glass storefront walls separates the water treatment areas from the other areas of the facility. The glass storefront helps so that GCDC will only be heating the galleries and not losing the heat to the cold water in the basins. Also, the storefront allows the operator to see all of the clarifiers and filters, not just partially through viewing windows. The controls will be located outside the glass storefront areas to protect them from excess humidity.

16. The facilities WTP operators, described on Page 9, (lunch room and accessories) should be sized to allow for several days of continuous occupancy (during potential emergency conditions).
Agreed, this will be considered during final design.

17. Will temperature/humidity control be provided in the storage room(s) to protect as-built and operating records? Will humidity control be provided in the filter pipe gallery?
Yes, temperature and humidity control will be provided in the storage rooms. There is no filter pipe gallery with the central column type filters. The piping in the dry well section of the filters will be within the treatment area and thus will not be able to be subject to the temperature and humidity control. Any exposed piping in the remainder of the facility will be insulated for temperature and humidity protection.

18. Two raw water transmission mains from the raw water pumps to the head of the WTP are recommended.
We will take this recommendation under advisement during final design.

19. Given that 8 filters are provided, the 4-filter rule applies as stated in R 325.11006 (c); thus, the statement that total filter capacity will be less when filters are off-line for backwashing is incorrect. Sec. 8 – Page 12.
We acknowledge that since a total of 8 filters are being provided that the total filter capacity will not need to be reduced to account for backwashing under the "4-filter rule." The text in the PDR will be revised accordingly.

20. Loading rates in excess of 3.0 gpm/sqft may be approved after successful completion of an approved pilot test or full-scale piloting while the WTP is in operation. Page 12
Acknowledged. The text in the PDR will be revised accordingly.

21. The filter-influent piping is sized at 60-inches to account for future considerations (re-rating filters to 5 gpm/sqft). Will the velocity at lower flows (<10 mgd) cause problems with potential settling in the pipes? Page 11
The filter influent piping has been changed and is now four-42-inch diameter pipes, one for each of the clarifiers. At a flow rate of 7.5 mgd through each of the filter influent pipes (filter loading rate of 3 gpm/sf), the resultant velocity is approximately 1.2 fps. At a flow rate of 12.5 mgd through each of the filter influent pipes (filter loading rate of 5 gpm/sf), the resultant velocity is approximately 2.0 fps. These velocities are less than or equal to the recommended maximum velocity of filtered water of 2 fps, and expected to be high enough to avoid potential settling in the pipes.

22. The central column design must not establish a cross connection between filters in service and any that are down for maintenance or that are being backwashed. Pages 12 and 13
There is no cross-connection potential for these types of filters since there is always positive pressure from the in-service filters. We have enclosed additional information on these types of filters for your reference.

23. The filter underdrain system will incorporate air-scour as part of backwashing. Can the air compressor (sized at 4,500 cfm) accommodate more than one backwash simultaneously? Page 13
The filter system design is based on only one filter being able to be backwashed at any given time; therefore, the air compressor will accommodate backwash of only one filter. Backwash operations will be initiated by plant operators, and the filter cells will be interlocked to allow only one cell to be backwashed at a time.

24. Water supply to meet filter backwash needs: How will flow from the remaining in-service filters within the set be controlled? Can adequate pressure be provided for an effective backwash? Can flow from in-service filters outside the set be utilized for backwash – Example….backwash Filter No. 1 from Filters 5 thru 8? Page 13
The backwash rate from the remaining in-service filters will be controlled by the elevation of the outlet weirs relative to the wash-trough lip. If adequate backwash flow cannot be achieved, a supplemental backwash line will be provided that will be supplied from the high service discharge pipe header. There will be a dividing wall in the wet well with a sluice gate that is normally open so that backwash water can be utilized from the effluent from the other 7 filters under normal operating conditions.

25. Will the main filter effluent consist of a single combined filter effluent (CFE) or a multiple CFE? Page 14
The filter wet well will have a dividing wall with a sluice gate that is normally open, but can be closed to isolate either treatment train. The effluent channel will be continuous with combined filter effluent.

26. The preliminary design basis is established with the assumption that the Lake Huron source water will remain classified as Bin 1. Bin classification monitoring will be needed at the raw water reservoir. Configuration of the WTP and reservoir should be based on the water quality from the reservoir. Page 14
Acknowledged. The text in the PDR will be revised to mention that additional monitoring will be required at the raw water impoundment to maintain a Bin 1 Classification. If the water quality in the raw water impoundment is temporarily diminished, the plant will have the ability to bypass the impoundment and deliver raw water directly from the upstream KWA pump station.

27. We are assuming the potassium permanganate dosage of 1.0ppm (125 lbs/day of dry chem) is based on 15 MGD flow rate. Is the dry chem. 100% available KMNO4? How will the chemical be diluted for the feed system for dosage determination? Sec. 9.1 – Page 15

Yes, the potassium permanganate dosage is based on a 15 mgd flow rate. The dry chemical is available at a 97 percent concentration. The chemical will be diluted using process water and a volumetric feeder.

28. How long will one batch (PAC), based on slurry tank size, last? Page 15-16

Based upon preliminary calculations utilizing a hopper size of 5 cubic feet, at a plant flow rate of 15 mgd, each batch of PAC would last approximately 4.4 hours. The PAC feed system will not utilize a slurry tank.

29. The corrosion inhibitor dosage rate of 5ppm that equates to 83.5 lbs/mgal is not correct. The correct dosage at 5 ppm is 41.7 lbs/mgal. Based on the size of the GCDC's service area, optimal corrosion control will need to be established. Change with the Lead & Copper program requirements and demonstration of optimal corrosion control will be discussed further. Sec. 9.5 – Page 16.

At this point, the preliminary design calculations are conservative and are based on the maximum feed rates. During final design, we will review the calculations and downsize the chemical storage tanks, as appropriate. GCDC aspires to provide optimum corrosion control within the distribution system in accordance with the Lead and Copper Program requirements.

30. Is it more cost-effective for pH control by lime feed verses reduced coagulant efficiency without pH control? Page 17

GCDC intends to utilize coagulant to achieve optimal floc formation. The lime feed will be utilized on an as needed basis for pH control.

31. Jar test results must be completed and included in the basis of design for chemical feed (prior to the Act 399 permit). Sizing of storage for the various treatment chemicals (coagulant) at average day – max. month will be the design standard and determined by jar testing. Will the future treatment plant capacity (45 MGD) require a second storage tank or will the proposed storage tanks be sized to accommodate plant expansion? Will sufficient space be provided for additional bulk storage tanks? Page 17

GCDC acknowledges that jar tests will need to performed to determine optimal chemical feed rates. Based on engineering judgment, we believe the dosage rates assumed in the PDR are conservative and actual dosage rates will likely be less. In addition, chemical storage facilities have either been oversized to account for future storage needs, or additional space is available for future chemical storage.

32. Separate areas should be provided for the fluoride feed equipment and the chemical storage. Also, the assumed fluoride dosage (0.7 ppm) should be adjusted to account for the naturally occurring fluoride in the source water. Page 18
The fluoride storage and feed equipment is located within a dedicated room, separate from the other chemicals. Based on available water quality data, the concentration of naturally occurring fluoride is approximately 0.13 ppm. Therefore, a dosage at the plant of 0.57 ppm would result in 0.7 ppm of fluoride at the point of injection.

33. As we discussed in our previous meetings, the WTP (initially classified as a DF WTP) will not be re-classified as a conventional WTP. Acceptable full-scale piloting results could allow the WTP to be eligible for a higher treatment plant flow rating, while maintaining a DF designation. Sec. 11 – Page 19.
Acknowledged.

34. Two treated water clearwells (1.3 Mgal each) are proposed which will provide a total treated storage volume of 2.6 MGAL and provides an additional 1.0 log removal for Giardia as required for Direct Filtration. The hydraulic gradeline in Figure 4; however, shows working volume of the clearwells (difference between the HWL and LWL) of only 0.86 MGAL. Adequate CT must be achieved in the clearwells for 1.0 Log removal based on the low level conditions.
Based on the 10/30/14 memorandum that was discussed at our previous meeting (copy enclosed), both warm and cold operating conditions were evaluated for CT requirements and the worst case yielded an operating range in the reservoir of 15 feet down to approximately 10.5 feet water depth. The hydraulic grade line profile will be revised accordingly.

35. The finished water storage reservoir capacity of 2.6 MGAL limits the maximum rated capacity to 19 MGD based on the direct filtration designation to achieve 1.0 Log removal for giardia (assume 1.0 ppm CL2 under the worst case condition). A finished water reservoir sized at 4.0 MGAL will increase the WTP's rated capacity to 30 MGD yet maintain 1.0 Log removal for giardia under the worst case condition. Also, at 45 MGD, how much additional storage will be needed? Will a third tank be required? Sizing of the finished water reservoir is important and the WTP should be constructed either to allow for easy increase in finished water storage capacity or else provide sufficient finished water storage capacity initially. Pages 19-20
Based on the 10/30/14 memorandum, the finished water reservoir design was based on conservative assumptions made during preliminary engineering and an initial assumption that the plant would receive a 2.5-log

credit for removal of Giardia by conventional treatment. However, MDEQ recently indicated that the plant would instead be classified as direct filtration and only be granted a 2.0-log credit, which requires an additional 0.5 log-removal of Giardia. The results detailed in the memorandum indicate that upon taking a practical approach to calculating CT log-credits and utilizing the filters for additional CT time, corresponding reservoir volumes offset the additional log-removal requirements. The worst case condition indicates a reservoir capacity of 1.81 MG at a plant capacity of 30 mgd.

If the plant is ever expanded to 45 mgd, all conditions would need to be re-evaluated. For planning purposed, it is assumed that one additional cell would be added for a total reservoir capacity of approximately 3.9 MG. There will be provisions in place (e.g. blind flanges on piping) to accommodate this expansion.

36. A by-pass around the finished water storage reservoir will not be allowed if the reservoir is required to maintain minimum CT. Sec. 11 – Page 21
No bypass around the finished water reservoir will be provided. The text in the PDR will be revised accordingly.

37. How far east of Baxter & Potter is the existing 72-inch transmission main owned by Genesee County? Sec. 12 – Page 21
The tie-in point for the finished water transmission main will be on the existing 72-inch diameter transmission main owned by GCDC, on the west side of the Henderson Road and Potter Road intersection.

38. 48 hour filter run times are short. Sec. 13 – Page 21
Agreed. This is a conservative approach and we acknowledge the run times will like be considerably longer.

39. Are there provisions to de-water treatment plant residuals? How much time will be needed to dry out accumulated sludge and to clean out a pond? Also, two ponds will be provided, each to hold one-year volume of sludge. Does the volume, estimated at 205,000 cuft., take into account minimum usable depth (accumulated sludge plus in-coming sludge) and minimum required freeboard Sec. 13 – Page 21:
There are no provisions in place for dewatering the plant residuals. The backwash ponds will accumulate solids, be allowed to dry and then be dredged out. At this time it is unclear how long it will take to dry out the accumulated sludge. However based on knowledge of similar plant operations, it will likely take significantly longer than one year to fill one pond. The depth of the ponds include a freeboard of 3-feet. Also, there will be provisions for a future pond to be added if required.

40. If the supernatant is to be decanted to the local receiving stream as the preferred method of disposal, an NPDES discharge permit will need to be obtained prior to our Act 399 permit. Also, will there be any discharge from the lagoons to the groundwater? Part 2210 of the Groundwater Rules allows construction of the sludge lagoons as part of our Act 399 permit; however, details pertaining any intended groundwater discharge, installation of liner to inhibit infiltration, and the design parameters listed in Item #38 needs to be provided as part of our review and permit issuance.
We acknowledge that the a NPDES permit would need to be obtained if supernatant is decanted to a local receiving stream. However, the proposed operation is for the decanted water to be pumped to the raw water impoundment. Both the backwash ponds and raw water impoundment will be lined so discharge to groundwater is not anticipated. All applicable design parameters and details will be provided as part of our Act 399 Permit application.

41. If the supernatant is pumped back to the head of the WTP, the recycle flow rate 1200 gpm (1.7 MGD rate) must be less than 10% of the combined incoming raw water flow. How will the recycle flow be controlled at treatment rates less than 17.0 MGD? Page 22
The decant pumping will not be continuous; it will be a batch operation. The decant pump discharge will be metered in order to confirm that less than 10% of the combined incoming raw water flow is recycled. To confirm, the decant water will be discharged directly into the raw water impoundment.

42. Wireless Laptops/tablets w. protective cases should be provided to allow oversight of plant operations at all locations in the WTP. Page 22
Acknowledged. It is anticipated that laptops will be utilized for this function.

43. Process monitoring from the raw water pump station includes turbidity, pH, temp, etc….will redundant storage of this information be provided? Sec. 14 – Page 23
Electronic data logs will be utilized and saved onto servers that will be backed-up.

44. While dual electrical feeds meets the requirement for a redundant source of power, permanent stand-by power generation at the WTP is recommended in the event of a widespread/regional loss of electrical power. Page 23-24
Noted. A small generator will be provided for critical systems. In addition, GCDC maintains a fleet of portable generators, and provisions for

connections will be incorporated into the design.

45. Carrier water used for chemical feed application points prior to the finished water reservoir must have adequate cross connection protection. Page 25
Agreed. Anti-siphon and check valves will be utilized. All plumbing will meet code requirements.

46. An on-site holding tank may be used for commercial/industrial waste; however, the septic tank/field can only be used for domestic wastewater. Page 25
Commercial/industrial wastes will not be discharged to the septic field, and no holding tanks for commercial/industrial waste is anticipated at the plant site. However, adequately sized containment areas for the chemical rooms will be provided along with sprinkler systems where required to meet building code requirements. Dry sumps will be provided within each containment area to accommodate removal of chemical spills.

47. Page 26, Section 17 – Security; Second Paragraph, third sentence….. "Signals being transmitted to security system workstations at the central……facilities". Does "signals" mean…the actual video, alarm, etc.? Please clarify
Signals will include security alarm points and video feeds to the control room at the plant.

48. Page 28, Section 19 – 3rd bullet - Frost depth – minimum 3'-6" below finished grade. Should the minimum depth be 5' below finished grade?
The geotechnical report recommendation is to embed foundations a minimum of 42" below finished grade to protect from frost heave. This can be found on Page 28 of Somat's most current report dated May 7, 2014.

49. The April 2014 PDR includes a section for ventilation (Sec. 16.2) and mentions ventilation for the chemical feed and storage rooms. The ventilation section is not included in the October 2014 PDR. Sec. 16 – Mechanical Facilities
The mechanical facilities section of the PDR was rewritten and the ventilation subsection was combined with the heating and air conditioning subsection.

50. Figure 3 – The ability for the GCDC WTP to directly by-pass the low service pump station is not provided. This provision appears to be provided for the Flint WTP.
This figure will be revised. As planned, there will be a bypass around the impoundment and most flows will be able to be pumped directly from the

KWA Intermediate Pump Station around the impoundment and directly to Flint or to the raw water pumps in the water treatment plant.

Raw Water Reservoir Storage – GCDC-WWS Water Treatment Plant

September 23, 2014

Genesee County Water Treatment Plant – Raw Water Reservoir

The conceptual design for the Genesee County Water Treatment Plant is 30 MGD with two treatment trains of 15 MGD each, with future expansion to 45 MGD. (AECOM/Wade Trim April 2014 Preliminary Design Report) The preliminary estimate for the raw water receiving reservoir was 150 MG. There were discussions with MDEQ, staff and consultants regarding the origin of the 150 MG and it is unclear how the preliminary number of 150MG was arrived at. There were also discussions with staff, MDEQ and consultants regarding the number of days of storage that were required for the facility, the two primary numbers under discussion were 10 days and 14 days.

In a meeting with MDEQ on September 5, 2014 the Commissioner requested that the MDEQ review this issue and provide some guidance for the design of the raw water receiving reservoir. This meeting also included discussions regarding existing contracts for back-up supply and the weight that existing finished water storage should be given in determining the volume of raw water storage. On September 10, 2014 the MDEQ (Mike Prysby) indicated that 10 days of storage would be satisfactory, however they would like to see demand projections for the next 20 years to ensure that the raw water receiving reservoir was adequate for future demands.

Genesee County Water System Demands

The five year average of GCDC-WWS AAD is 12.57 MGD, however the 2013 AAD was 10.937. The peak monthly average in the last 5 years is 22.7 MGD and occurred in August 2012. The 2014 DWRF Project Plan includes demand information and projections from 2000 through 2030. The 2025 AAD is projected to be 12.49 MGD. (DWRF Table 1-3 attached). The 20 year water demands should be analyzed in 2015.

Projected GCDC 2015 to 2025 AAD raw water demand for Phase 1 reservoir sizing – 12.5 MGD

Raw Water Storage Sizing Factors

The following factors have been identified by staff, consultants, and MDEQ regarding the sizing of the raw water receiving reservoir.

- MDEQ - 10 days of storage at 12.5 MGD, the 2025 AAD. (125 MG)
- There are existing contracts for emergency water supply that equal approximately 6.0 MGD. These contracts should be reconfirmed and used for extended emergency back-up
- There is 43.5 MG of finished water storage in the existing system, plus 3.5 MG in the Grand Blanc pressure districts. Assuming ½ of this storage is available for emergency use this will provide additional extended emergency back-up.
- Operational requirements to handle diurnal fluctuation were estimated at 70 MGD and are included in the 125 MG, this will be reevaluated when the plant is in operation.
- Spare parts, pipe, and fittings should be in stock for the repair of any size pipe on supply line or any critical element at the pumping facilities in order to minimize downtime during a failure on the supply line or at the pumping facilities
- City of Flint – 18 MGD of water from reservoir but no emergency storage. In the event of an emergency the City will use its Flint River source.
- City of Lapeer Raw Water Storage – 4 MGD of water from the raw water reservoir but no emergency storage in raw water storage reservoir. City of Lapeer must develop its own raw water storage plan.
- Total AAD demand on the storage reservoir approximates: GCDC @ 12.5 MGD + City of Flint @ 18 MGD + City of Lapeer @ 1.5 MGD = 32 MGD
- Total Peak Day on storage reservoir based on historical demands for GCDC and contract limitations for City of Flint and City of Lapeer approximates: GCDC @ 23 MGD + City of Flint @ 18 MGD + City of Lapeer @ 4 MGD = 45 MGD

- Total Peak Day on storage reservoir based on plant max flow and contracts for City of Flint and City of Lapeer approximates: GCDC @ 30.0 MGD + Flint @ 18 MGD + Lapeer @ 4 MGD = 52 MGD

Genesee County Emergency Back-up Water Supply Contracts

- Genesee County currently has a contract with the City of Flint to provide 3.0 MGD of water in the event of an emergency. This contract should be confirmed with the City.
- Genesee County and Grand Blanc Township currently have an operating agreement that in the event of an emergency Grand Blanc will isolate from the GCDC-WWS system, turn on their back-up wells and provide water to the Grand Blanc Township, a portion of the City of Burton, and a portion of Mundy Township along Fenton Road. This demand is approximately 3.0 MGD. This agreement should be confirmed.

Genesee County Finished Water Storage

Genesee County has a number of ground storage and elevated storage tanks that provide fire protection, diurnal peaking, and peak day demand buffering. GCDC-WWS has existing storage of 43.5 MG with an additional 3.5 MG of storage in the Grand Blanc pressure district and an additional 500,000 gallons in the City of Burton. Table 1 below shows the characteristics of each tank. Assuming that one-half of the storage is available for emergency use, 21.75 MG would be available in the event of an emergency. Grand Blanc storage is not included as they would be isolated from the system in the event of an extended emergency.

Table 1

Facility	No. of Tks	GALS/Tk	Total Gallons	CF	Height	Diameter
Henderson Rd	2	10,000,000	20,000,000	1,336,898	39	208.97
Clio Rd	1	1,000,000	1,000,000	133,690	40	65.25
Beecher Rd	1	1,000,000	1,000,000	133,690	30	75.34
Houran Elev	1	2,000,000	2,000,000	267,380	40	92.28
Houran Ground	2	2,000,000	4,000,000	133,690	30	84.00
Noble Standpipe	1	4,000,000	4,000,000	534,759	165	64.25
Center North	1	5,000,000	5,000,000	668,449	40	145.90
Center South	1	6,200,000	6,000,000	828,877	34	176.23
ARTP	1	500,000	500,000	66,845	37.5	47.65
Saginaw *	1	500,000	500,000	66,845	37.5	47.65
Vassar *	1	1,000,000	1,000,000	133,690	17.3	99.22
Baldwin *	1	1,000,000	1,000,000	133,690	38	66.95
Holly Rd *	1	500,000	500,000	66,845	38	47.34
Embury *	1	500,000	500,000	66,845	24	59.57
Bristol Tower **	1	500,000	500,000	66,845	37.5	47.65
*Grand Blanc						
**Burton						
Totals			47,000,000	4,572,193		

Other Considerations

Impacts such as ice at the intake, contamination at the intakes, or freighter damage to one of the intakes are difficult to quantify. The proposed alternative and existing system options would provide almost 37 days of storage in the event of an extended emergency.

Emergency Storage Calculations – 2025 Demands

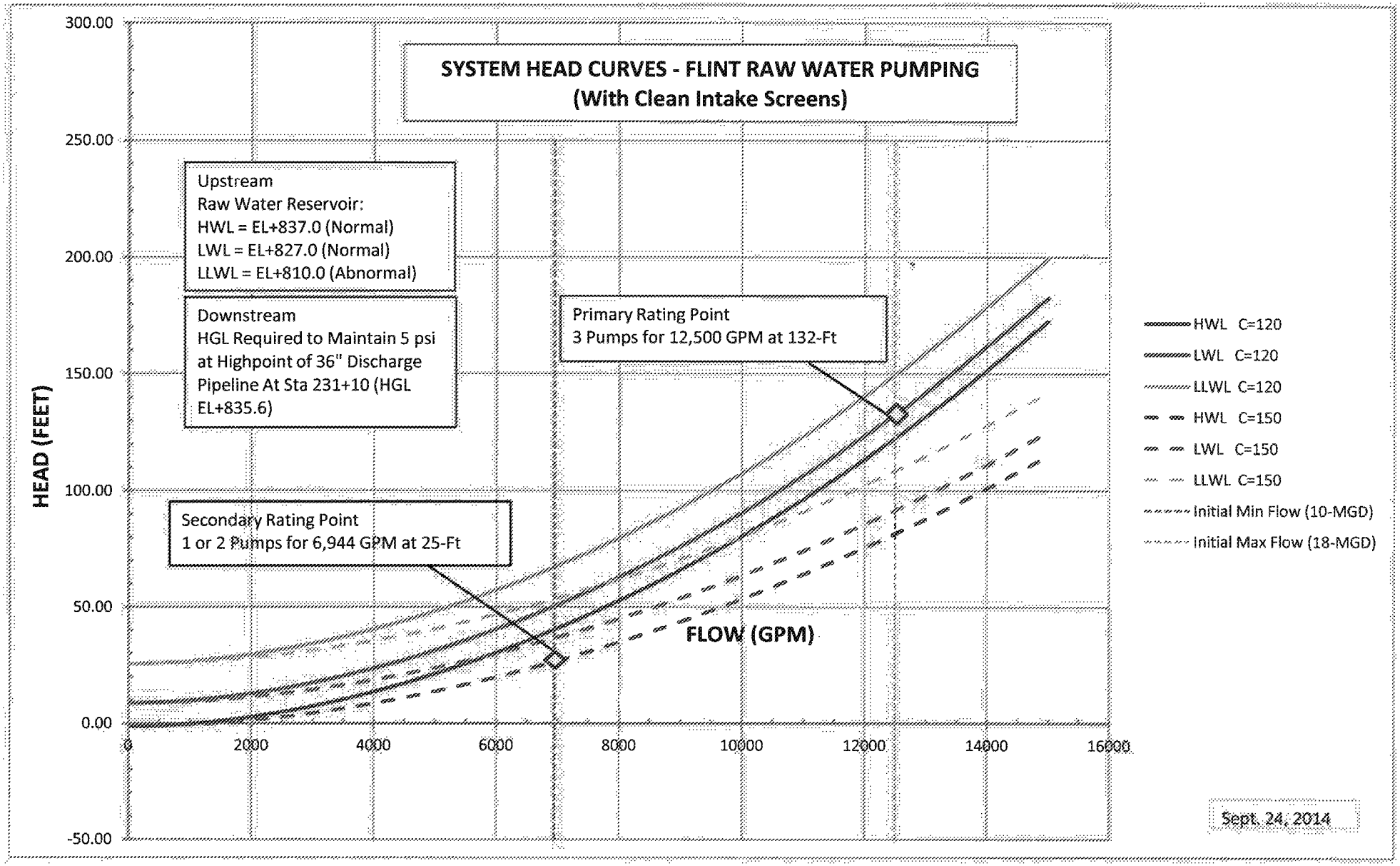
1. Emergency raw water storage with water restrictions in place: 80% of projected AAD of 12.5 MGD = 10.0 MGD (125MG / 10.0 MGD = 12.5 days)
2. Emergency system storage with water restrictions in place: 21.75 MG / 10.0 MGD = 2.2 Days
3. Emergency backup contracts with City of Flint and Grand Blanc in place (6 MGD), emergency AAD reduced to 4.0 MGD: (125 MG / 4.0 MGD = 31.25 Days)
4. Finished water storage credit per No. 3: (21.75 MG /4.0 MGD = 5.4 days)
5. Extended emergency provisions total 36.7 days

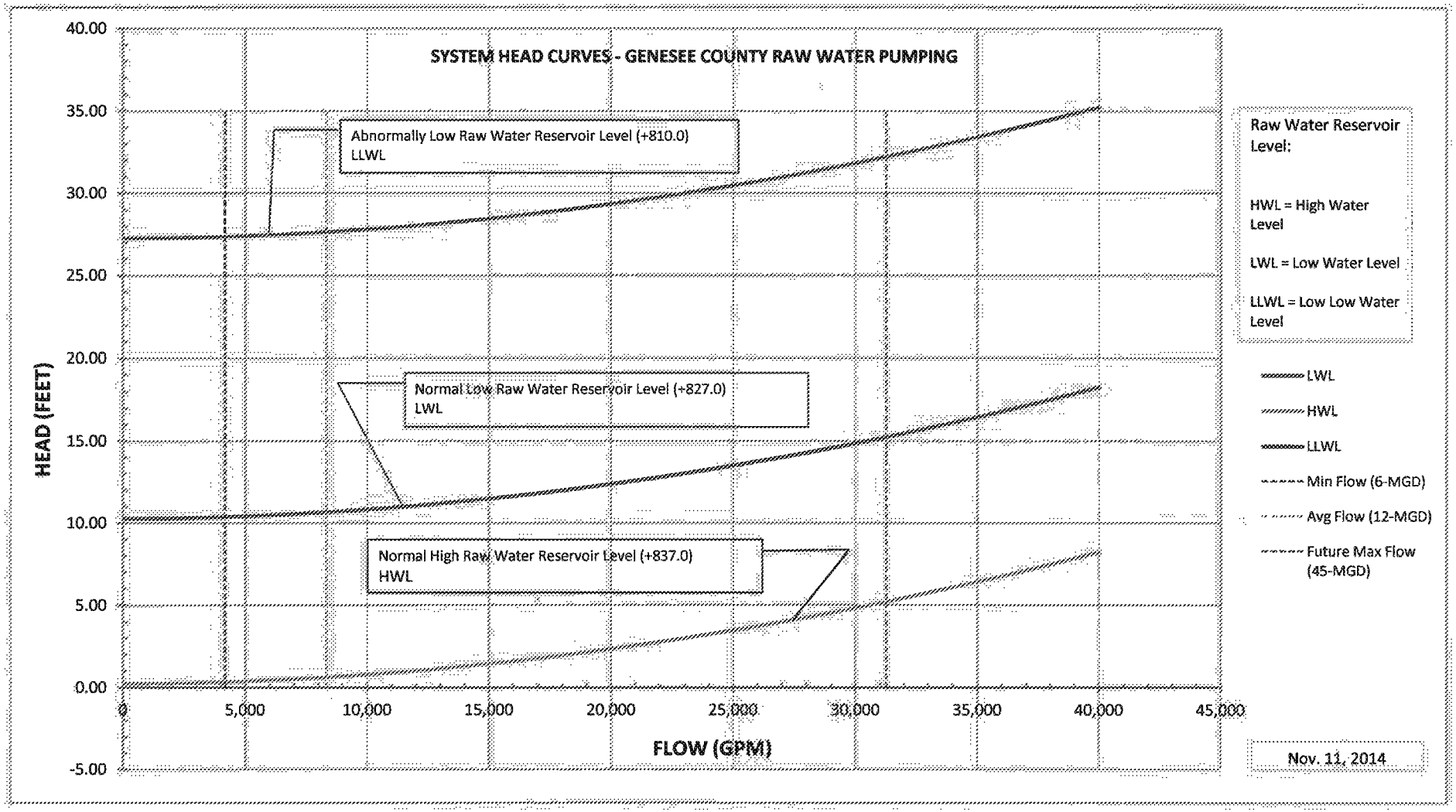
Proposed Phase 1 Storage 125 MG 2015 - 2025

- Provides a reasonable approach that exceeds operational minimum of 70 MG and meets the MDEQ suggested raw storage of 10 days.
- Provides operational storage to meet both AAD and Peak Day fluctuations.
- Provides 36.7 days of storage in the event of extended emergency conditions.

Proposed Phase 2 Storage X MG 2025 -2045

Long range water demands for the GCDC-WWS system should be evaluated in 2015 and Phase 2 storage will be evaluated after the plant has been up and running for 12 months.


SYSTEM HEAD CURVES - FLINT RAW WATER PUMPING
(With Clean Intake Screens)
Upstream
Raw Water Reservoir:
HWL = EL+837.0 (Normal)
LWL = EL+827.0 (Normal)
LLWL = EL+810.0 (Abnormal)
Downstream
HGL Required to Maintain 5 psi
at Highpoint of 36" Discharge
Pipeline At Sta 231+10 (HGL
EL+835.6)
Primary Rating Point
3 Pumps for 12,500 GPM at 132-Ft
Secondary Rating Point
1 or 2 Pumps for 6,944 GPM at 25-Ft
HEAD (FEET)
FLOW (GPM)
300.00
250.00
200.00
150.00
100.00
50.00
0.00
-50.00
0
2000
4000
6000
8000
10000
12000
14000
16000
HWL C=120
LWL C=120
LLWL C=120
HWL C=150
LWL C=150
LLWL C=150
Initial Min Flow (10-MGD)
Initial Max Flow (18-MGD)
Sept. 24, 2014


SYSTEM HEAD CURVES - GENESEE COUNTY RAW WATER PUMPING
HEAD (FEET)
FLOW (GPM)
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
-5.00
0
5,000
10,000
15,000
20,000
25,000
30,000
35,000
40,000
45,000
Abnormally Low Raw Water Reservoir Level (+810.0)
LLWL
Normal Low Raw Water Reservoir Level (+827.0)
LWL
Normal High Raw Water Reservoir Level (+837.0)
HWL
Raw Water Reservoir Level:
HWL = High Water Level
LWL = Low Water Level
LLWL = Low Low Water Level
LWL
HWL
LLWL
Min Flow (6-MGD)
Avg Flow (12-MGD)
Future Max Flow (45-MGD)
Nov. 11, 2014

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Memorandum

To	Mike Winegard	Page	1
CC	Ed Tharp, Angel Gebeau		
Subject	Genesee County WTP CT Calculations for Filters and Finished Water Reservoir		
From	Chad Laucamp		
Date	October 30, 2014		

The following is a summary of CT Calculations (attached) that were recently completed for the Genesee County Water Treatment Plant filters and finished water reservoir. These calculations are based on the GCDC water treatment plant receiving a 2.0-log credit from MDEQ for a direct filtration type plant, and also based on the filters and finished water reservoir both having a baffle factor of 0.7. In addition, the required reservoir volume calculations are based on having two filter backwash volumes (0.41 MG) and a minimum required equalization volume (0.21 MG), in addition to the required CT volumes.

Scenario 1 (Conservative Approach)

Assumptions:

- Plant flow of 30 mgd
- 7 of 8 filters in service (1 filter offline)
- Water temperature 0.5 degrees C (33 degrees F)
- Water pH of 8.2
- Chlorine residual of 1.2 mg/L maintained in reservoir (minimum residual req'd in GCDC distribution system)

Table 1 summarizes the findings for Scenario 1, and indicates that if a chlorine residual of 0.5 mg/L is maintained in the filters and a chlorine residual of 1.2 mg/L is maintained in the reservoir, the required reservoir volume is 3.40 MG. If the chlorine residual in the filters is raised to 1.0 mg/L, the required reservoir volume is 3.21 MG.

Table 1
Scenario 1: Conservative Approach - CT Overview

Parameter Description	Chlorine Dosage at Filter Inlet	
	0.5 mg/L	1.0 mg/L
CT Value in Filters	7.85 mg/L-min	15.7 mg/L-min
Log Inactivation of Giardia in Filters	0.078-log	0.14-log
Required Giardia Log-Removal for Disinfection in Reservoir*	0.922-log	0.86-log
Required CT Volume	1.80 MG	1.68 MG
Minimum Reservoir Volume	3.40 MG	3.21 MG

*3.0-log required – 2.0-credit (direct filtration) – log inactivation in filters

Since chlorine is more effective as temperatures increase and plant flows are expected to significantly vary seasonally, the following more realistic operating conditions were evaluated.

Scenario 2 (Cold Operating Conditions)

Assumptions:

- Plant flow of 12 mgd
- 6 filters in service (2 filters on standby and rotated into service)
- Water temperature 0.5 degrees C (33 degrees F)
- Water pH of 8.2
- Two chlorine residual conditions were evaluated for comparison:
    - 1.0 mg/L maintained in reservoir (boosted to 1.2 mg/L at reservoir outlet to provide required residual for GCDC distribution system)
    - Chlorine residual of 1.2 mg/L maintained in reservoir (minimum residual req'd in GCDC distribution system)

Table 2 summarizes the findings for Scenario 2 – Cold Operating Conditions. The results indicate that if a chlorine residual of 0.5 mg/L is maintained in the filters, a reservoir volume of 1.81 MG is required for a chlorine residual in the reservoir of 1.0 mg/L, and a reservoir volume of 1.65 MG is required for a chlorine residual in the reservoir of 1.2 mg/L. If the chlorine residual in the filters is boosted to 1.0 mg/L, a reservoir volume of 1.62 MG is required for a chlorine residual in the reservoir of 1.0 mg/L, and a reservoir volume of 1.48 MG is required for a chlorine residual in the reservoir of 1.2 mg/L. These results indicate a significant decrease in required reservoir storage volume over Scenario 1, which is driven by reduced water demands expected during cold weather months.

Table 2
Scenario 2: Cold Operating Conditions - CT Overview

Parameter Description	Chlorine Dosage at Filter Inlet	
	0.5 mg/L	1.0 mg/L
CT Value in Filters	16.8 mg/L-min	33.6 mg/L-min
Log Inactivation of Giardia in Filters	0.17-log	0.31-log
Required Giardia Log-Removal for Disinfection in Reservoir*	0.83-log	0.69-log
1.0 mg/L chlorine residual in reservoir		
Required CT Volume	0.76 MG	0.63 MG
Minimum Reservoir Volume	1.81 MG	1.62 MG
1.2 mg/L chlorine residual in reservoir		
Required CT Volume	0.65 MG	0.54 MG
Minimum Reservoir Volume	1.65 MG	1.48 MG

*3.0-log required – 2.0-credit (direct filtration) – log inactivation in filters

Scenario 3 (Warm Operating Conditions)

Assumptions:

- Plant flow of 30 mgd
- 7 of 8 filters in service (1 filter offline)
- Water temperature 15 degrees C (59 degrees F)
- Water pH of 8.2
- Two chlorine residual conditions were evaluated for comparison:

- 1.0 mg/L maintained in reservoir (boosted to 1.2 mg/L at reservoir outlet to provide required residual for GCDC distribution system)
- Chlorine residual of 1.2 mg/L maintained in reservoir (minimum residual req'd in GCDC distribution system)

The following table summarizes the findings for Scenario 3 – Warm Operating Conditions. The results indicate that if a chlorine residual of 0.5 mg/L is maintained in the filters, a reservoir volume of 1.62 MG is required for a chlorine residual in the reservoir of 1.0 mg/L, and a reservoir volume of 1.50 MG is required for a chlorine residual in the reservoir of 1.2 mg/L. If the chlorine residual in the filters is boosted to 1.0 mg/L, a reservoir volume of 1.40 MG is required for a chlorine residual in the reservoir of 1.0 mg/L, and a reservoir volume of 1.30 MG is required for a chlorine residual in the reservoir of 1.2 mg/L. These results indicate a decrease in required reservoir storage volume, even when compared to Scenario 2, which is driven by chlorine being more effective as temperatures increase.

Table 3
Scenario 3: Warm Operating Conditions - CT Overview

Parameter Description	Chlorine Dosage at Filter Inlet	
	0.5 mg/L	1.0 mg/L
CT Value in Filters	7.85 mg/L-min	15.7 mg/L-min
Log Inactivation of Giardia in Filters	0.22-log	0.40-log
Required Giardia Log-Removal for Disinfection in Reservoir*	0.78-log	0.60-log
1.0 mg/L chlorine residual in reservoir		
Required CT Volume	0.63 MG	0.49 MG
Minimum Reservoir Volume	1.62 MG	1.40 MG
1.2 mg/L chlorine residual in reservoir		
Required CT Volume	0.55 MG	0.42 MG
Minimum Reservoir Volume	1.50 MG	1.30 MG

*3.0-log required – 2.0-credit (direct filtration) – log inactivation in filters

Summary

The current finished water reservoir design indicates a size of approximately 2.6 MG, which is based on conservative assumptions made during preliminary engineering and an initial assumption that the plant would receive a 2.5-log credit for removal of Giardia by conventional treatment. However, MDEQ has recently indicated that the plant would instead be classified as direct filtration and only be granted a 2.0-log credit, which requires an additional 0.5 log-removal of Giardia. While additional log-removal signifies the need for a larger sized reservoir, the results detailed in this memorandum indicate that taking a more practical, less conservative approach to calculating CT log-credits utilizing the filters for additional CT time, corresponding reservoir volumes offset the additional log-removal requirements. While the current 2.6 MG reservoir size is larger than what is required by the analysis in this memorandum, we recommend that no changes to the reservoir size be considered until MDEQ reviews and approves the assumptions and approach that are detailed within.

Furthermore, having some excess reservoir capacity does provide the plant some flexibility with regards to chlorine dosage points and concentrations, as well as provide additional equalization storage that allows the plant the flexibility of operating at a lower water level during extreme conditions. Based on a worst case reservoir capacity of 1.81 MG required in Scenario 2, the 2.60 MG

reservoir would have an operating range from the maximum water level of 15 feet down to approximately 10.5 feet water depth. If the reservoir is maintained full during a Scenario 2 cold operating condition, the plant could achieve a maximum capacity of 24.6 mgd due to the excess volume available for CT, which is approximately twice the capacity that is expected to be typical for cold operating conditions.

From: Prysby, Mike (DEQ)
Sent: Thursday, March 26, 2015 11:16 AM
To: Shekter Smith, Liane (DEQ)
Subject: Webinar

Liane,
I will plan on sitting in with you on the Legionella webinar this afternoon. I will head up to your office shortly before 130. If a location is selected...I'll just meet you there instead.

Sent from my iPhone

From: Prysby, Mike (DEQ)
Sent: Tuesday, April 07, 2015 1:19 PM
To: Busch, Stephen (DEQ)
Subject: Legionella call

Steve,

Liane will be participating with me in the conference call.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

From: Prysby, Mike (DEQ)
Sent: Friday, October 16, 2015 9:51 AM
To: Matta, Samir
Subject: Re: Flint WTP PH2 SEG4 - Corrosion Control

Samir,
Three full sets if u can....otherwise half size set will suffice

Sent from my iPhone

> On Oct 16, 2015, at 12:04 AM, Matta, Samir <SFMatta@lan-inc.com> wrote:
>
> This message cannot be displayed because of the way it is formatted. Ask the sender to send it again using a different format or email program. message/rfc822

From: Prysby, Mike (DEQ)
Sent: Tuesday, November 24, 2015 7:26 AM
To: Shekter Smith, Liane (DEQ)
Subject: Accepted: Great Lakes Conf. Room Reserved - RE: Flint Task Force Comments on MDEQ Residential Sampling Instructions

From: Prysby, Mike (DEQ)
Sent: Tuesday, December 22, 2015 11:20 AM
To: 'ebrown@cityofdavison.org'
Subject: WTP survey

Ed,
Another quick question….What analytical method is used for measuring the phosphate residual at the WTP and in the distribution system? Ref kit and model as needed. Thanks..

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

From: Prysby, Mike (DEQ)
Sent: Wednesday, June 25, 2014 8:33 AM
To: Cook, Pat (DEQ)
Cc: Gotham, Daryl (DEQ);Busch, Stephen (DEQ);Bloemker, Jon (DEQ)
Subject: FW: Contract S-4002 100% and S-4003 90% Submittals - MDEQ comments
Attachments: 02513 Steel Pipe_REV3 pg 15-16.pdf; awwa C-604.pdf

Pat,

The leakage calculation has surfaced again with respect to the KWA pipeline project. Initially, Genesee County was agreeable to using the AWWA C-604 leakage formula; however, after making further calculations they feel that the formula which uses the number of joints (L (g/hr) = JD sqrtP/7400) is far more conservative than the allowable leaking from C-604 and they wish to hold their contractors to that. On the surface, the joint formula appears more conservative; however, they base it on the assumption that the welded joints do not count. If we include all of the welded joints, the allowable leakage is rather close between each formula – depending on pipe length. I will verify the allowable leakage based on actual pipe length and all joints (welded and appurtenances) for comparison. Daryl and I would like to confirm the validity of their assumption.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

From: Matt Raysin [mailto:M_RAYSIN@gcdcwws.com]
Sent: Tuesday, June 24, 2014 6:05 PM
To: Gotham, Daryl (DEQ); Prysby, Mike (DEQ)
Cc: Bloemker, Jon (DEQ); Busch, Stephen (DEQ); Osborn, Larry (LOSBORN@wadetrim.com); John O'Malia; Elgar Brown (cbrownbear@broadstripe.net); Mike Winegard; Ed Tharp (Ed.Tharp@aecom.com)
Subject: RE: Contract S-4002 100% and S-4003 90% Submttals - MDEQ comments

I would like to revisit the conversation this morning regarding the pressure test. The new leakage method based on AWWA 604-11 the 66" pipe would allow 55 gal/mile leakage in a 2 hour period. The current specified method in section 02315 would allow roughly 0.2 gal/mile leakage in a 2 hour period depending on the pressure (150 to 350 psi) and the(J) number of joints 1 per mile to 12 per mile (welded joints do not count so only the valves count on the 66" line, but if you count the hydrants, and air release valves, which are not normally counted, it could be 6-12 per mile depending on the section). Note that you would have to have about 165 joints per mile (an average of 1 joint every 32 feet) @ 350 psi to equal the 55 gal per 2 hours allowed by the new formula. For 150 psi, it would have to have the equivalent of 252 joints per mile to get the 55 gal leakage in 2 hours that is allowed by the new method. The current specification indicates to test at the pressure equal to the pressure class listed on the drawings, where the new version would say test at no more than 125% of the working pressured. The working pressure is not defined anywhere so is that the pressure class of the pipe, or the pressure within the pipe that is expected during operation?

The 60" would be somewhat similar to the 66", except the pressures would be lower on the 60" pipe.

With that being said will the MDEQ allow the current specifications to remain or do we need to still reference AWWA 604-11 for testing even though the allowable leakage is well above what we are allowing.

From: Gotham, Daryl (DEQ) [mailto:GOTHAMD@michigan.gov]
Sent: Thursday, June 19, 2014 3:34 PM
To: Prysby, Mike (DEQ); Osborn, Larry (LOSBORN@wadetrim.com); John O'Malia; Elgar Brown (cbrownbear@broadstripe.net); Matt Raysin
Cc: Bloemker, Jon (DEQ); Busch, Stephen (DEQ)
Subject: Contract S-4002 100% and S-4003 90% Submttals - MDEQ comments

We've completed the review of both projects and the only significant issues that resulted were the Leakage Test formulas that Mike Prysby identified in his review of S-4005. When the corrected specs are received, I am prepared to issue the permit for S-4002. If I have them by early afternoon on Monday, June 23rd, I can bring the permitted plans and specifications to the June 24th meeting. I'm willing to replace the corrected section of the spec into the previously submitted specs if that is easier. Emailing them to me would be fine.

Thanks,

Daryl J. Gotham, P.E.
Michigan Department of Environmental Quality
Office of Drinking Water & Municipal Assistance
Saginaw-Bay District Office
401 Ketchum Street, Suite B
Bay City, MI 48708
989-450-8146 (Phone)
989-891-9213 (Fax)

weekly basis. All quality control tests conducted by the manufacturer for each production run of pipe shall be submitted to the Engineer on a weekly basis.

2. Welding Reports for each field welded joint shall be submitted to Engineer on a daily basis. The Welding Report shall include: weld joint station number based on the record drawings; date of weld; welder's name and signature; and actual weld size at four quadrants of pipe and total number of weld passes.
3. When a section of pipe and appurtenances has been completed and bedding materials is in place, provide the appliances, facilities, and water required for performing the specified pressure and leakage tests, as well as deflection testing.
4. After testing is complete drain the pipeline without injury to the work or surrounding area.
5. Contractor will be required to fully uncover a total of ten (10) joints, selected at random by the Engineer, so that the Engineer can visually inspect joints after welding from the pipe interior to verify integrity of welding and joint coating. Additional joints may be required to be uncovered, without limit, if problems are observed at the uncovered joints.

B. Pressure Test:
1. Subject all newly laid pipe or any valved sections of it to a hydrostatic pressure equal to the pipe pressure as indicated on the Contract Drawings.
   a. Test Duration: 2 hours minimum, 6 hours maximum.
   b. Slowly fill each section with potable water.
   c. Expel all air from the pipe by means of taps at the highest elevations.
   d. Plug the taps.
   e. Remove and replace any cracked or defective pipe discovered during test.
   f. The test pressure must hold for the duration of the test.
   g. Repeat the pressure test until satisfactory.
   h. Provide pipe manufacturer's test plugs or proper size and number, of adequate thickness with proper ribbing and stiffening for test pressures specified.
   i. Pressure testing may be done in conjunction with the leakage testing.

C. Leakage Test:
1. After completion of the pressure test, conduct a leakage test to determine the quantity of water lost under the specified leakage test pressure.
   a. Leakage test pressure is the maximum operating pressure of the section under test and is based on the elevation of the test gauge.
   b. Duration of each leakage test: Minimum of 2 hours in addition to the pressure test period.
2. Allowable leakage in gal/hr for pipelines: Not greater than that determined as follows:

   Allowable Leakage (Gal/Hr) = (J X D X Sqrt (P)) / 7400

   Where:

   J is the total Number of flanged, gasket, or push-on joints in tested length (excluding welded joints).

   D is the Pipe diameter in inches.

   P is the Average test pressure in psig.

Sqrt is the Square root operator.

3. Leakage is defined as the quantity of water supplied in the newly laid pipe or any valved section under test that is necessary to maintain the specified leakage test pressure after the pipe has been filled with potable or raw water and the air expelled.
4. All visible leaks are to be repaired regardless of the amount of leakage.
5. When leakage testing is performed against closed sectioning valves, the test shall be performed on each side of the valves independently.
6. Leakage testing may be done concurrently with the pressure testing.

D. Deflection Testing and Report:
1. After completion of construction and backfilling, prior to pressure and leakage testing, deflection testing is required for each pipe segment.
   a. Maximum allowable internal deflection is 3 percent (pipe out of round).
   b. A deflection testing report is required for each pipe section identified by the corresponding pipe section listed in the approved lay schedule or according to the record drawings.
   c. Failure to pass the deflection testing will require reworking of the pipe bedding, backfill and compaction at no cost to the Owner. Severe violations, as determined solely by the Engineer/Owner shall require removal and replacement of the unsatisfactory piping at no cost to the owner.

E. Weld Testing Report:
1. After completion of welding, prior to pressure and leakage testing, an inspection report of each field weld, for both the inside and the outside of the pipe at the weld, is required where any field welding has occurred (restrained joints, access manholes, etc.)
   a. The location of the weld is to be indicated by the corresponding pipe section listed in the approved lay schedule and/or stationing according to the record drawings.
   b. The report shall have the information for both the inside and the outside of each particular weld coordinated such that they both are located together in the report.
   c. A photograph of each weld location is to be included in the report with the date, and location indicated by the corresponding pipe section listed in the approved lay schedule and/or stationing according to the record drawings.

F. Exterior Joint Protection or Pipe Repair Report:
1. After completion of shrink wrapping each welded joint or exterior pipe repair, prior to backfilling, an exterior inspection report of each joint protection and repair is required.
   a. The location of the joint (or repair area) is to be indicated by the corresponding pipe section listed in the approved lay schedule and/or stationing according to the record drawings.
   b. A photograph of each joint or repair location is to be included in the report with the date, and location indicated by the corresponding pipe section listed in the approved lay schedule and/or stationing according to the record drawings.

ANSI/AWWA C604-11
(Revision of ANSI/AWWA C604-06)

American Water Works Association

The Authoritative Resource on Safe Water®

AWWA Standard

Installation of Buried Steel Water Pipe— 4 In. (100 mm) and Larger

Effective date: Aug. 1, 2011.
First edition approved by AWWA Board of Directors Feb. 12, 2006.
This edition approved Jan. 23, 2011.
Approved by American National Standards Institute May 19, 2011.

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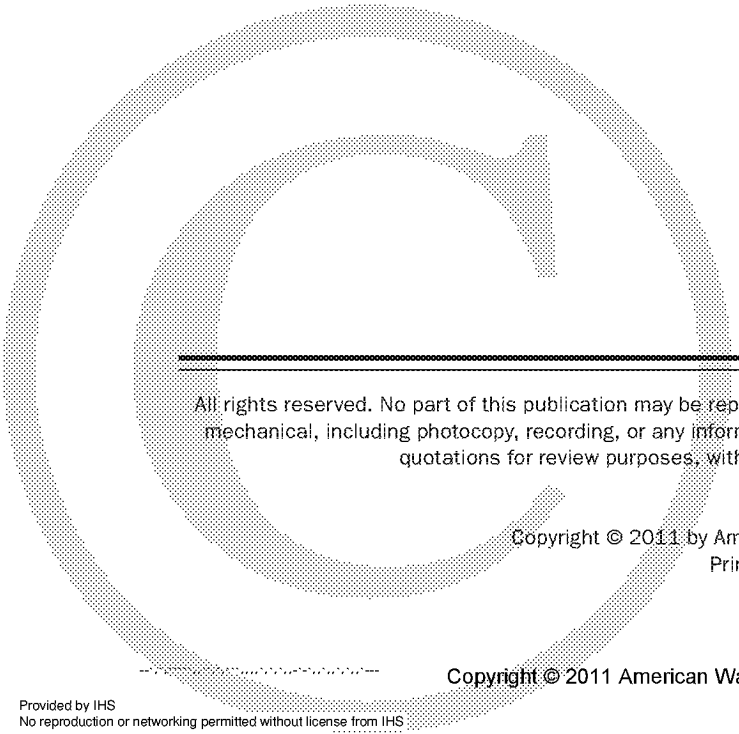

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The Steel Water Pipe-Manufacturers Technical Advisory Committee (SWPMTAC) Task Force for Development and Maintenance of ANSI/AWWA C604, which developed this standard, had the following personnel at the time:

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J.A. Wise, Canus International Sales Inc., Surrey, B.C.	(AWWA)

The Standards Committee on Steel Pipe, which reviewed and approved this standard, had the following personnel at the time of approval:

John H. Bambei Jr., *Chair*

Dennis Dechant, *Vice-Chair*

John L. Luka, *Secretary*

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† Liaison, nonvoting

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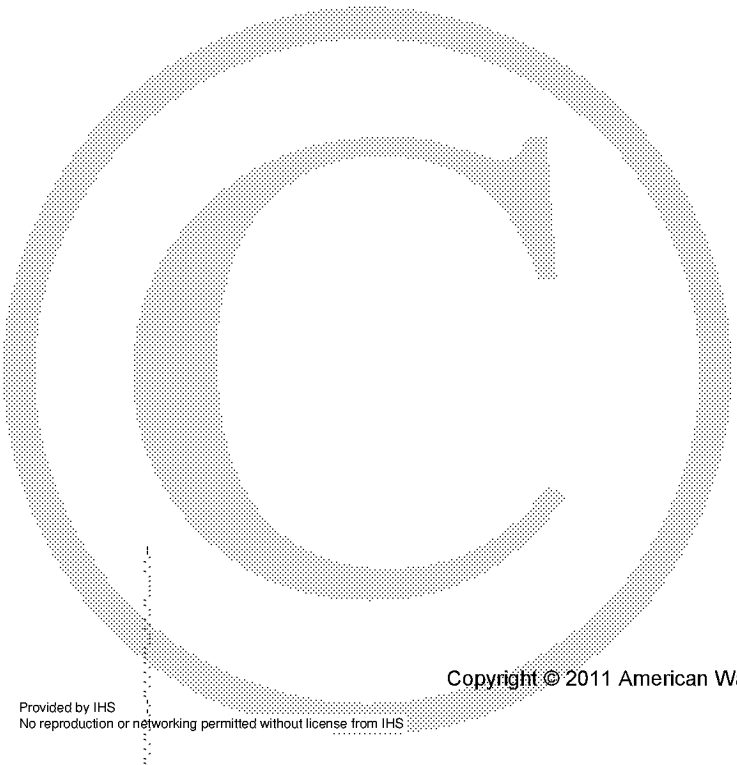

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Foreword

This foreword is for information only and is not a part of ANSI/AWWA C604.*

I. Introduction.

I.A. *History.* This standard pertains to the in-ground installation of steel pipelines for use in the distribution and transmission of water, air, and other products in water system facilities. It has been prepared by the AWWA Standards Committee on Steel Pipe, initially formed as Committee A7A in 1939. At that time, the Steel Water Pipe Manufacturers Technical Advisory Committee was organized as a subsidiary group to function as a source of technical information for the parent committee. Committee A7A and its successors, Committee 8310D and the AWWA Standards Committee on Steel Pipe, have assumed responsibility for all AWWA standards and manuals pertaining to steel pipe, fittings, linings and coatings, field installations, and related items.

In 1996 the AWWA Standards Council directed the Standards Committee on Steel Pipe to develop a standard for the installation of steel pipelines and their appurtenances used in water treatment or conveying facilities. The first edition of AWWA C604 was approved by the AWWA Board of Directors on Feb. 12, 2006. This second edition was approved on Jan. 23, 2011.

I.B. *Discussion.* ANSI/AWWA C604 includes all types of steel pipe 4 in. (100 mm) in diameter and larger typically used in the water industry, regardless of pipe manufacturing source. With adequate quality assurance, pipe manufactured in a fabricator's shop or in a steel-pipe mill is suitable for water utility service. Pipe produced in a fabricator's shop or pipe mill for installation in accordance with ANSI/AWWA C604 shall meet the stringent design, quality control, and testing requirements of AWWA Manual M11 and ANSI/AWWA C200. Shop and mill-fabricated pipe made from materials and in accordance with the quality control measures stipulated in AWWA Manual M11 and ANSI/AWWA C200 will ensure fabricated pipe of high quality.

I.C. *Acceptance.* In May 1985, the US Environmental Protection Agency (USEPA) entered into a cooperative agreement with a consortium led by NSF International (NSF)† to develop voluntary third-party consensus standards and a

* American National Standards Institute, 25 West 43rd Street, Fourth Floor, New York, NY 10036.
† NSF International, 789 North Dixboro Road, Ann Arbor, MI 48105.

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certification program for direct and indirect drinking water additives. Other members of the original consortium included the American Water Works Association Research Foundation (AwwaRF, now Water Research Foundation*) and the Conference of State Health and Environmental Managers (COSHEM). The American Water Works Association (AWWA) and the Association of State Drinking Water Administrators (ASDWA) joined later.

In the United States, authority to regulate products for use in, or in contact with, drinking water rests with individual states.† Local agencies may choose to impose requirements more stringent than those required by the state. To evaluate the health effects of products and drinking water additives from such products, state and local agencies may use various references, including

1. An advisory program formerly administered by USEPA, Office of Drinking Water, discontinued on Apr. 7, 1990.
2. Specific policies of the state or local agency.
3. Two standards developed under the direction of NSF, NSF/ANSI 60, Drinking Water Treatment Chemicals—Health Effects, and NSF/ANSI 61, Drinking Water System Components—Health Effects.
4. Other references, including AWWA standards, *Food Chemicals Codex*, *Water Chemicals Codex*,‡ and other standards considered appropriate by the state or local agency.

Various certification organizations may be involved in certifying products in accordance with NSF/ANSI 61. Individual states or local agencies have authority to accept or accredit certification organizations within their jurisdiction. Accreditation of certification organizations may vary from jurisdiction to jurisdiction.

Annex A, "Toxicology Review and Evaluation Procedures," to NSF/ANSI 61 does not stipulate a maximum allowable level (MAL) of a contaminant for substances not regulated by a USEPA final maximum contaminant level (MCL). The MALs of an unspecified list of "unregulated contaminants" are based on toxicity testing guidelines (noncarcinogens) and risk characterization methodology (carcinogens). Use of Annex A procedures may not always be identical, depending on the certifier.

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* Water Research Foundation, 6666 W. Quincy Ave., Denver, CO 80235.

† Persons outside the United States should contact the appropriate authority having jurisdiction.

‡ Both publications available from National Academy of Sciences, 500 Fifth Street, NW, Washington, DC 20001.

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ANSI/AWWA C604 does not address additives requirements. Thus, users of this standard should consult the appropriate state or local agency having jurisdiction in order to

1. Determine additives requirements, including applicable standards.
2. Determine the status of certifications by parties offering to certify products for contact with, or treatment of, drinking water.
3. Determine current information on product certification.

II. Special Issues.

II.A. *Application.* ANSI/AWWA C604, Standard for Installation of Buried Steel Water Pipe—4 In. (100 mm) and Larger, can be used as a reference when making extensions to existing distribution or transmission systems or when constructing new distribution or transmission systems using steel pipe. It is not the intent for this standard to be used as a contract document, but it may be used as a reference in contract documents. It is based on a consensus of the committee on the minimum practice consistent with sound, economical service under normal conditions, and its applicability under any circumstances must be reviewed by a responsible engineer. The standard is not intended to preclude the manufacture, marketing, purchase, or the use of any product, process, or procedure.

III. Use of This Standard. It is the responsibility of the user of an AWWA standard to determine that the products described in that standard are suitable for use in the particular application being considered.

III.A. *Purchaser Options and Alternatives.* The following items should be provided by the purchaser.

Considerable supplemental information is required in conjunction with the use of this standard, including, but not limited to, purchaser's documents consisting of detailed plans and specifications. The purchaser's documents should cover, as a minimum, detailed instructions pertaining to all references in this standard to "as specified" and "in accordance with the purchaser's documents." In addition, the purchaser shall provide specific supplementary information to the purchaser's documents regarding the following:

1. Standard used—that is, ANSI/AWWA C604, Installation of Buried Steel Water Pipe–4 In. (100 mm) and Larger, of latest revision.
2. Whether compliance with NSF/ANSI 61, Drinking Water System Components—Health Effects, is required.
3. Pipe design criteria and type of pipe ends.

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4. Pipe-laying schedules, line drawings, markings, appurtenances, vaults, valves, and existing utilities.

5. Pipe bedding specification and drawing details.

6. Inspection for pipe joints, protective coatings and linings, and pipe zone compaction.

7. Surface restoration.

8. Special handling requirements.

9. Details of other federal, state or provincial, and local requirements (Sec. 4.2).

10. Whether proof testing of the weld after backfill method is required for the project-specific conditions, including testing protocols (Sec. 4.4.4.2). NOTE: The exterior protective joint coating, backfill material, use of thin-wall pipe, and welding procedures should be considered with this process.

III.B. *Modification to Standard.* Any modification of the provisions, definitions, or terminology in this standard must be provided by the purchaser.

IV. Major Revisions. Major revisions made to the standard in this edition include the following:

1. The format has been changed to AWWA standard style.

2. Added Standards Council materials language as new Sec. 4.2.

3. Revision of trench widths, Sec. 4.4.2.3.

4. Revision of rock conditions, Sec. 4.4.2.6.

5. The section on unsuitable subgrade material was revised, Sec. 4.4.2.10.

6. An additional paragraph was added on pipe installation, Sec. 4.4.3.

7. A section on pipe on steep grades was added, Sec. 4.4.3.6.

8. Revisions were made to the section on pipe placement for rubber-gasketed joints (Sec. 4.4.4.1.1).

9. Revisions were made to the section on pipe placement for welded lap joints (Sec. 4.4.4.2).

10. An additional paragraph was added regarding the weld-after-backfill method (Sec. 4.4.4.2).

11. The procedure for flanged joints was revised (Sec. 4.4.4.4.).

12. A new Figure 5 was added for bolt torque sequence.

13. Revisions were made to the welded joints section (Sec. 4.4.4.9).

14. Additional information was added on heat-shrink sleeve installation in Sec. 4.4.4.13.3.

15. Additional information was added regarding cement mortar for field joints and repairs (Sec. 4.4.4.13.4).

16. Sec. 4.4.5, Fitting installation, was deleted.

17. Revisions were made to the section on backfilling (Sec. 4.4.6).

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18. Figure 5, Pipe bedding, was replaced with new Figure 6, Trench cross section.
19. A new Table 1 on soil stiffness categories was added.
20. Revisions were made to test restrictions, Sec. 5.2.1.
21. A new section on affidavit of compliance was added, Sec. 6.2.

V. Comments. If you have any comments or questions about this standard, please call AWWA Engineering and Technical Services at 303.794.7711, FAX at 303.795.7603, write to the department at 6666 West Quincy Avenue, Denver, CO 80235-3098, or e-mail at standards@awwa.org.

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ANSI/AWWA C604-11
(Revision of ANSI/AWWA C604-06)

American Water Works Association

AWWA Standard

Installation of Buried Steel Water Pipe—4 In. (100 mm) and Larger

SECTION 1: GENERAL

Sec. 1.1 Scope

This standard provides the field installation guidelines for buried steel water pipe, 4 in. (100 mm)* and larger.

The information contained in this standard is intended to be used as a guide to assist in the installation of steel water pipe.

1.1.1 *Conditions that may require additional considerations.* Installations that require special attention, techniques, and materials are not covered by this standard. Some of these installations are

1. Piping through rigid walls or structures.
2. Connections to appurtenances.
3. Piping on supports or on piles above or below ground.
4. Piping subject to significant thermal stresses.
5. Treatment plant or pump-station piping.
6. Industrial piping.
7. Piping in seismic areas.

* Metric conversions given in this standard are direct conversions of US customary units and are not those specified in the International Organization for Standardization (ISO) standards.

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8. Piping in high-density, stray-current environments.
9. Piping through unstable soils or soils subject to sliding or soil drag.
10. Piping subject to excessive live loads.
11. Piping with cover less than 3 ft (900 mm).
12. Piping installed by horizontal directional drilling (HDD).

Sec. 1.2 Purpose

The purpose of this standard is to provide the minimum requirements for the installation of buried steel water pipelines, including inspection, unloading, handling, storage, and testing.

Sec. 1.3 Application

This standard is intended to cover typical pipeline construction practices that are deemed adequate for the satisfactory installation of steel water pipelines. Individual project requirements can vary substantially and should always be thoroughly reviewed before bidding or construction startup. For this reason, some practices discussed in this standard may not be suitable for all project conditions, and in some cases, specialized installation techniques may be required that are beyond the scope of this standard.

SECTION 2: REFERENCES

This standard references the following documents. In their latest editions, the referenced documents form a part of this standard to the extent specified herein. In case of conflict, the requirements of this standard shall prevail.

AASHTO* M145—Standard Specification for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes.

AASHTO T99—Moisture Density Relations of Soils Using a 5.5-lb (2.5-kg) Rammer and a 12-in. (305-mm) Drop.

ANSI†/AWWA C200—Steel Water Pipe—6 In. (150 mm) and Larger.

ANSI/AWWA C203—Coal-Tar Protective Coatings and Linings for Steel Water Pipelines—Enamel and Tape—Hot-Applied.

ANSI/AWWA C205—Cement–Mortar Protective Lining and Coating for Steel Water Pipe—4 In. (100 mm) and Larger—Shop Applied.

* American Association of State Highway and Transportation Officials, 444 North Capitol Street NW, Suite 249, Washington, DC 20001.

† American National Standards Institute, 25 West 43rd Street, Fourth Floor, New York, NY 10036.

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ANSI/AWWA C206—Field Welding of Steel Water Pipe.

ANSI/AWWA C207—Steel Pipe Flanges for Waterworks Service—Sizes 4 In. Through 144 In. (100 mm Through 3,600 mm).

ANSI/AWWA C209—Cold-Applied Tape Coatings for the Exterior of Special Sections, Connections, and Fittings for Steel Water Pipelines.

ANSI/AWWA C210—Liquid-Epoxy Coating Systems for the Interior and Exterior of Steel Water Pipelines.

ANSI/AWWA C216—Heat-Shrinkable Cross-Linked Polyolefin Coatings for the Exterior of Special Sections, Connections, and Fittings for Steel Water Pipelines.

ANSI/AWWA C217—Petrolatum and Petroleum Wax Tape Coatings for the Exterior of Connections and Fittings for Steel Water Pipelines.

ANSI/AWWA C219—Bolted, Sleeve-Type Couplings for Plain-End Pipe.

ANSI/AWWA C222—Polyurethane Coatings for the Interior and Exterior of Steel Water Pipe and Fittings.

ANSI/AWWA C227—Bolted, Split-Sleeve Restrained and Nonrestrained Couplings for Plain-End Pipe.

ANSI/AWWA C651—Disinfecting Water Mains.

ASME Section IX—Pressure Vessel Welding Qualifications.

ASTM D698—Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort.

ASTM D2487—Standard Practice for Classification of Soils for Engineering Purposes.

AWS* D1.1—Structural Welding Code.

AWWA M11—*Steel Water Pipe: A Guide for Design and Installation.*

SECTION 3: DEFINITIONS

The following definitions shall apply in this standard:

1. *Bell-and-spigot or lap joint:* A circumferential joint in which one of the members joined overlaps the other.

2. *Bevel:* The angle formed between the prepared edge of a pipe end and a plane perpendicular to the longitudinal axis of the pipe. Bevels are generally used for butt welding of pipe ends.

* American Welding Society, 550 N.W. LeJeune Road, Miami, FL 33126.

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3. *Butt joint:* A pipe joint in which the two pipe ends are in the same plane and do not overlap. This joint configuration is commonly beveled and usually includes a backup ring on the side opposite of which field joint welding is to be performed.

4. *Constructor:* The party that provides the work and materials for placement or installation.

5. *Dewatering:* The removal of water in and around construction operations. This usually pertains to underground water within construction zones, which can adversely affect the construction activities.

6. *Fillet weld:* A weld of approximately triangular cross section, the throat of which lies in a plane disposed approximately 45° with regard to the surface of the parts joined. The size of the fillet weld is expressed in terms of the width, in inches, of one of its adjacent fused legs (the shorter leg, if unequal).

7. *Final backfill:* Final backfill begins at top of initial backfill and continues to the top of trench or finished grade.

8. *Grade:* The elevation of a structure or pipeline invert (bottom of the flowline) at a specific location. This elevation is usually measured relative to established survey points at the project.

9. *Haunch:* The area of the trench that begins at the bottom of the pipe and generally extends up to ⅓ of the pipe diameter.

10. *Initial backfill:* Initial backfill begins at the top of the bedding or haunch area and continues to the top of pipe.

11. *Manufacturer:* The party that manufactures, fabricates, or produces materials or products.

12. *Mechanical cutting:* The severing of materials using a power cut-off saw with a thin flat blade having a continuous line of teeth on its edge or high-speed abrasive disk.

13. *Miter:* The angle between the cut of a pipe end and a line drawn perpendicular to the longitudinal axis of the pipe. Miters are used to fabricate elbows and to facilitate pipe laying at changes in horizontal or vertical alignment.

14. *Nominal diameter or size:* The commercial designation or dimension by which pipe is designated for simplicity. Commonly, it is the finished inside diameter after lining.

15. *Nominal weight per foot (for pipe):* The theoretical weight, per foot, calculated from the wall thickness, as distinguished from the actual and measured weight per foot of the finished pipe. Unit weights of 0.284 lb per cubic inch for

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steel sheet or 490 lb per cubic foot for steel plate shall be used when calculating weight per foot. Unit weights of 0.087 lb per cubic inch, or 150 lb per cubic foot for cement mortar, shall be used when calculating weight per foot.

16. *Pipe bedding:* The material immediately under the pipeline and by which the pipeline is supported. This material is usually of a specific description and may simply be the reuse of the originally excavated material.

17. *Pipe embedment:* The area comprising the pipe bedding plus the initial backfill.

18. *Plain-end pipe:* Pipe that is not threaded, beveled, belled, or otherwise given a special end configuration.

19. *Plans:* Drawings normally prepared by an engineer employed or retained by the purchaser or system-operator showing the location and details for the construction of the pipeline and appurtenances.

20. *Purchaser:* The person, company, or organization that purchases any materials or work to be performed.

21. *Purchaser's documents:* Detailed requirements established by the purchaser or designee, outlining minimum acceptable standards for design, manufacture, quality of installation, or any other criteria the purchaser deems necessary for the procurement of the product required. Installation specifications may incorporate this standard by reference, but should also include specification requirements for matters not covered by the standard.

22. *Random lengths:* Pipe lengths as produced in a pipe mill, to which no special treatment is given to make the lengths uniform.

23. *Special section:* Any piece of pipe other than a normal full-length straight section. This includes but is not limited to elbows, pipe with outlets, short pieces, reducers, adapter sections with special ends, and other nonstandard sections.

24. *Specified lengths:* Sections of finished pipe, the length dimensions of which do not vary from a fixed figure specified by the purchaser by more than the tolerance set forth.

25. *Supplier:* The party that supplies material or services. A supplier may or may not be the manufacturer.

26. *Underground utilities:* Previously installed utilities that are located within the right-of-way of a pipeline or structure. These utilities commonly include gas, power, water, cable TV, sewer, fiber-optic cable, steam lines, and telephone lines.

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27. *Utility location service:* The cooperative organization of major utilities to provide services for the location and safe construction practices surrounding their respective utilities. These utilities often provide a site representative during construction when deemed necessary by the utility.

SECTION 4: REQUIREMENTS

Sec. 4.1 Permeation

The selection of materials is critical for potable water, wastewater, and reclaimed water service, and for distribution piping in locations where there is likelihood the pipe will be exposed to significant concentrations of pollutants composed of low-molecular-weight petroleum products, organic solvents, or their vapors. Documented research has shown that pipe materials (such as polyethylene, and polyvinyl chloride) and elastomers, such as those used in jointing gaskets and packing glands, are subject to permeation by low-molecular-weight organic solvents or petroleum products. If a potable water, wastewater, or reclaimed water pipe must pass through such a contaminated area or an area subject to contamination, consult with the manufacturer regarding permeation of pipe walls, jointing materials, and so on *before* selecting materials for use in that area.

Sec. 4.2 Materials

Materials shall comply with the requirements of the Safe Drinking Water Act and other federal regulations for potable water, wastewater, and reclaimed water systems as applicable.

Sec. 4.3 Preconstruction Planning

The installation of steel pipelines usually involves multiple suppliers and subcontractors that have varying preparation requirements. For this reason a preconstruction meeting is strongly recommended to confirm and coordinate the critical path aspects of all involved parties. In particular, pipe and valve materials are usually manufactured to fit specific locations of the project and often require an extended lead time for the purchase of raw material, drawing preparation, and drawing approvals that must precede construction activities. Any preconstruction planning meeting initiated by the purchaser should include all essential suppliers and subcontractors. During the meeting, a schedule should be confirmed that is agreeable to all parties. The meeting also affords all parties the opportunity to elaborate on their respective preparations, such as procurement of materials, preparation

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of drawings, and submittals. The constructor shall be required to provide the starting location and direction of construction. Care should be taken when preparing the construction schedule as later changes in construction plans may affect shop drawings, laying schedules, delivery dates, and other parties. Shop drawings must be approved by the constructor and purchaser prior to pipe production.

Sec. 4.4 Installation

4.4.1 *Alignment and grade.* Pipelines shall be laid and alignment maintained to the required horizontal line and vertical grade established in the purchaser and constructor approved layout drawings for the project subject to allowable tolerances. Valves and special sections shall be installed at the required locations unless field conditions warrant otherwise and such changes are agreed to by the purchaser and constructor. Valve-operating stems shall be oriented in a manner to allow proper operation.

4.4.1.1 Prior investigation. Prior to excavation, investigation shall be made to the extent necessary to determine the precise location of existing underground utilities, structures, and conflicts. This will require the constructor to contact the utility location service for proper coordination and location of utilities and then perform excavations to verify the elevation at the point of intersection, if the utility falls within the proposed pipe excavation. In addition, care shall be exercised during excavation to avoid damage to existing structures, which may not be identified by the utility location service. Special precautions shall be taken when the pipeline being installed crosses or is adjacent to a facility that is cathodically protected. When obstructions that are not shown on the purchaser's documents are encountered during the progress of work and interfere so that an alteration is required, such alterations or deviation in line and grade or the removal, relocation, or reconstruction of the obstructions shall be performed in accordance with the purchaser's documents.

4.4.1.2 Clearance. When crossing existing pipelines or other structures, alignment and grade shall be adjusted in accordance with the purchaser's documents. Installed pipe and structures shall provide clearance as required by federal, state or provincial, and local regulations. Wherever possible, pipe and structures shall have a minimum clearance of 12 in. (300 mm) from existing pipelines or structures to allow for proper compaction.

4.4.2 *Trench construction.* The trench shall be excavated to the required alignment, depth, and width specified or shown on the purchaser's documents and shall be in conformance with all federal, state or provincial, and local regulations for the protection of workers.

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4.4.2.1 Trench preparation. Trench preparation shall proceed in advance of the pipe installation. The amount of open trench length allowed may be limited by the amount of nonbackfilled pipe, the purchaser's documents, safety, and public impact considerations (such as traffic, slope, etc.).

4.4.2.1.1 Discharges from trench dewatering pumps shall be directed away from the trench, in order not to affect trench stability, and shall be in accordance with federal, state, and local point discharge requirements.

4.4.2.1.2 Excavated material shall be placed in a manner that will not obstruct the work, endanger workers or the public, or obstruct sidewalks, driveways, roadways, and other structures. If obstruction of such structures becomes necessary, the constructor shall plan for alternative means to accommodate the public. Placement of excavated material shall be done in compliance with federal, state or provincial, and local regulations.

4.4.2.2 Pavement removal. Removal of pavement and road surfaces shall be a part of the trench excavation. The amount removed shall depend on the width of trench required for installation of the pipe, including safety requirements and the dimensions of the area into which valves, specials, manways, or other structures will be installed. Methods such as sawing, drilling, or chipping shall be used to ensure the breakage of pavement along straight lines.

4.4.2.3 Trench width. The width of the trench at the top of the pipe shall be as dictated by the purchaser's documents or as necessitated by safety requirements. In any case, the trench width shall provide ample clearance to permit the pipe to be installed and joined properly and to allow the backfill to be placed in accordance with the purchaser's documents and shall be adequate to ensure elimination of voids in the haunch area, and proper placement and compaction of initial backfill materials. If mechanical compaction is required of the initial backfill materials, trench width shall provide clearance on each side of the pipe to allow room for compaction equipment. The trench width at the bottom of the pipe will be governed by the space required for compaction or consolidation equipment. In addition, trenches shall be of such extra width, when required, to permit the placement of sheeting, bracing, and appurtenances as required by the safety requirements of the agency having jurisdiction.

4.4.2.4 Depth. The trench shall be excavated and bedding installed. The bedding shall provide uniform support for the full length of the pipe barrel, except that a slight depression may be provided to facilitate the removal of pipe slings or other lifting devices without damaging the pipe coating. Pipe bedding and backfill

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material shall be installed so as to avoid abrasion or other damage to the coating on the pipe.

4.4.2.5 Bell holes. Holes for the pipe bells shall be provided at each joint. Holes shall be adequately sized for completing any external coatings, but shall be no larger than necessary to allow joint assembly. If the pipe joints are welded or coupled, the bell holes shall provide adequate clearance for welding or assembly and subsequent external coatings.

4.4.2.6 Rock conditions. If excavation of rock is necessary, all rock shall be removed to provide a clearance below and on each side of all pipe, valves, and fittings. The minimum clearance shall be 6 in. (150 mm) for pipe with an outside diameter (OD) up to 24 in. (600 mm) and 10 in. (250 mm) for pipe with an OD greater than 24 in. (600 mm). When the excavation is completed, a layer of appropriate subgrade material (see Sec. 4.4.6.1) shall be placed on the bottom of the trench, graded, and compacted to provide uniform support for the entire length of pipe and the placement of the loose bedding material up to the bottom of the pipe. These clearances and bedding procedures shall also be observed for pieces of concrete or masonry and other debris or subterranean structures, such as masonry walls, piers, or foundations that may be encountered during excavation.

4.4.2.7 Previous excavations. Should the trench pass over a sewer or other previous excavation, the trench shall be sufficiently compacted to provide support equal to that of the native soil or conform to other regulatory requirements in a manner that will prevent damage to the existing installation.

4.4.2.8 Blasting. Blasting for excavation shall be permitted only after securing approval(s) and establishing the hours of blasting as required by the purchaser's documents. The blasting procedure, including protection of existing utilities, persons, and property, shall be in strict accordance with federal, state or provincial, and local regulations.

4.4.2.9 Protection of existing structures. Temporary support, adequate protection, and maintenance of all underground and surface structures, drains, sewers, and other obstructions encountered in the progress of the work shall be provided in accordance with the purchaser's documents and applicable regulations.

4.4.2.10 Unsuitable subgrade material. When the subgrade is found to include ashes, cinders, refuse, organic material, or other unsuitable material, such material shall be removed to at least 6 in. (150 mm) below the bottom of the pipe for pipe with an outside diameter (OD) up to 24 in. (600 mm) and 10 in. (250 mm) for pipe with an OD greater than 24 in. (600 mm). The removed material shall be

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replaced with clean, suitable subgrade material in accordance with the purchaser's documents or as directed by the purchaser. Once unsuitable material is removed or replaced, the bedding material shall be placed and graded so that the bedding will provide uniform support for the entire length of the pipe.

4.4.2.11 Unstable subgrade. When the bottom of the trench or the subgrade consists of material that is unstable to such a degree that it cannot be removed, a foundation for the pipe and/or appurtenance shall be constructed in accordance with the purchaser's documents or as directed by the purchaser.

4.4.3 *Pipe installation.* Proper implements, tools, and facilities shall be provided and used for the safe and convenient performance of the work. All pipe, fittings, and valves shall be lowered carefully into the trench by means of a backhoe or crane, using nylon slings, guide ropes, or other suitable tools or equipment, in such a manner as to prevent damage to the pipe, protective coatings, and linings. Pipe shall not be dropped or dumped into the trench. The trench shall be dewatered prior to installation of the pipe and maintained until the pipeline is substantially covered as necessary to prevent pipe from floating.

At all times during construction of the pipeline, precautions shall be taken to prevent damage to the protective coating. Coating damaged during installation shall be repaired in accordance with this and other applicable AWWA standards.

4.4.3.1 Examination of material. All pipe, fittings, coatings, and appurtenances shall be examined carefully for damage and other defects upon arrival at the installation site and immediately before assembly in the trench. Defective materials shall be marked and held for final disposition as required by the purchaser's documents.

4.4.3.2 Pipe ends. All deleterious materials shall be removed from the ends of each pipe. For bell-and-spigot pipe, the outside of the spigot end and the inside of the bell shall be wiped clean and dry so that it is free from dirt, sand, grit, and other foreign matter before the pipe is installed.

4.4.3.3 Pipe cleanliness. As installation progresses, no debris, tools, clothing, or other materials shall be allowed to accumulate in the pipe during construction and shall be prevented from entering the pipe while being placed in the trench.

4.4.3.4 Direction of bells. It is common practice to lay lap-welded pipe joints with the spigot facing the direction in which work is progressing. For rubber-gasketed pipe, common practice is to lay the pipe joints with the bell facing the direction in which work is progressing to prevent debris from being scooped into the bell. The direction of the bells is not functionally related to the direction of flow within the system.

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4.4.3.5 Pipe end caps. When pipe laying is not in progress, cover, cap, or secure the open ends of pipe where required. If used, the end caps shall remain in place until the trench work proceeds. When pipe caps are in place, care must be taken to prevent pipe flotation should the trench fill with water.

4.4.3.6 Pipe on steep grades. On grades exceeding 10 percent, the pipe should be laid uphill or otherwise held in place by approved methods.

4.4.4 *Joint assembly and testing.* Proper implements, tools, and facilities shall be provided and used for the safe and convenient performance of the work. The types of joints covered in this standard include gasketed, flanged, sleeve couplings, split-sleeve couplings, expansion joints, and welded joints, all of which have specific applications. The joint types required for a project will be dictated by the purchaser's documents.

The joint assembly shall be coated with a compatible material according to the coating manufacturer's recommendations and the applicable AWWA standard.

4.4.4.1 Rubber-gasketed joints. Gasketed joints consist of a bell-and-spigot end configuration formed directly into the steel pipe cylinder or attached to the steel pipe cylinder. The spigot end includes a groove that retains an O-ring gasket. The gasket groove and the bell end of the mating pipe shall be cleaned thoroughly. When the spigot is inserted into the bell, the gasket compresses between the steel surfaces to form a watertight seal. Rubber-gasketed joints shall be assembled as described in Sec. 4.4.4.1.1 and illustrated in Figures 1 and 2.

4.4.4.1.1 Pipe placement for rubber-gasketed joints. Mark the outside of the pipe at the quarter points for the minimum stab depth. This dimension is provided on the shop joint detail drawings. Lift the pipe using the appropriate method. On steep slopes, it may be advisable to use slings as chokers. Visually inspect the O-ring gasket for any visible defects, cuts, tears, or excessive stretching. Stretch the O-ring gasket over the pipe spigot end by hand or by using a dull pry bar (to avoid cuts or tears), and then carefully seat the gasket into the O-ring groove on the spigot (see Figure 1). After placement, relieve tension in the gasket by running a dull object, such as a wooden dowel, between the gasket and the spigot groove around the pipe circumference several times. Just prior to stabbing, apply a light coat of vegetable-based pipe lubricant to the spigot end exterior and the bell end interior, being sure to keep the joint clean. The spigot end shall be stabbed approximately 1 in. (25 mm) into the bell end, with the two mating pieces in reasonably straight alignment (see Figure 2). The spigot shall then be engaged the appropriate distance. Rubber-gasketed pipe may be joined using a choker sling

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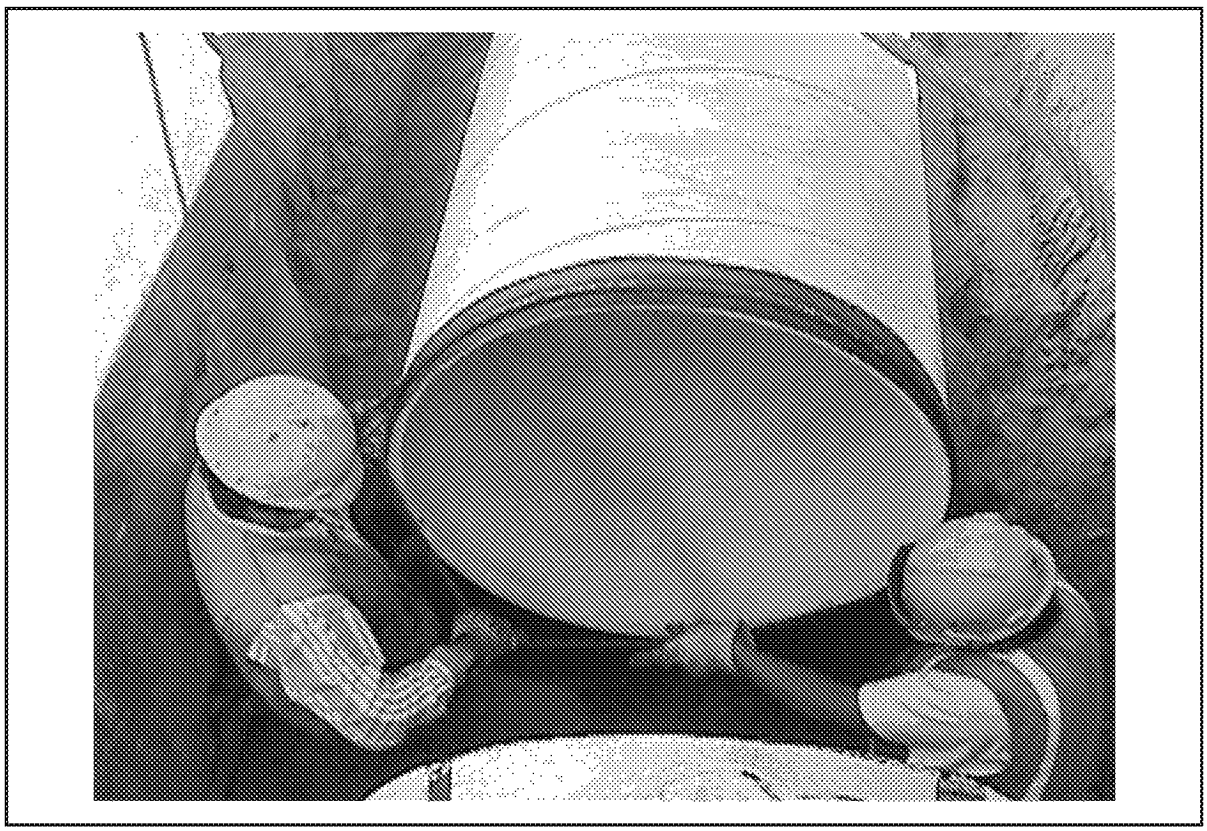

Figure 1 Typical O-ring gasket assembly

attached to the excavator bucket and drawing the pipe joint to full engagement. Small-diameter pipe spigots may be pushed into the bell with a long pry bar. Large-diameter pipe may be pushed into the bell using the bucket of the excavator and appropriately sized timber, which is used to equalize the assembly loads and reduce the risk of damage to the bell, or pulled together using a winch or come-a-long. As each length of pipe is placed in the trench, the pipe shall be brought to the correct line and grade. After the joint is properly engaged, deflect the joint, if required, within the prescribed limits in Sec. 4.4.4.3 (see Figure 4) or the purchaser's documents. The pipe shall be secured in place with approved backfill material.

4.4.4.1.2 Rubber-gasketed joint testing. After the pipe has been laid to final grade, the rubber-gasketed joint shall be tested using a feeler gauge. This test ensures the gasket has not rolled out of the groove, or "fish-mouthed." Perform this test by inserting a feeler gauge from the outside of the joint between the bell and spigot until reaching the gasket. Continue completely around the pipe circumference to ensure the gasket is properly seated. Do not force the feeler gauge past the

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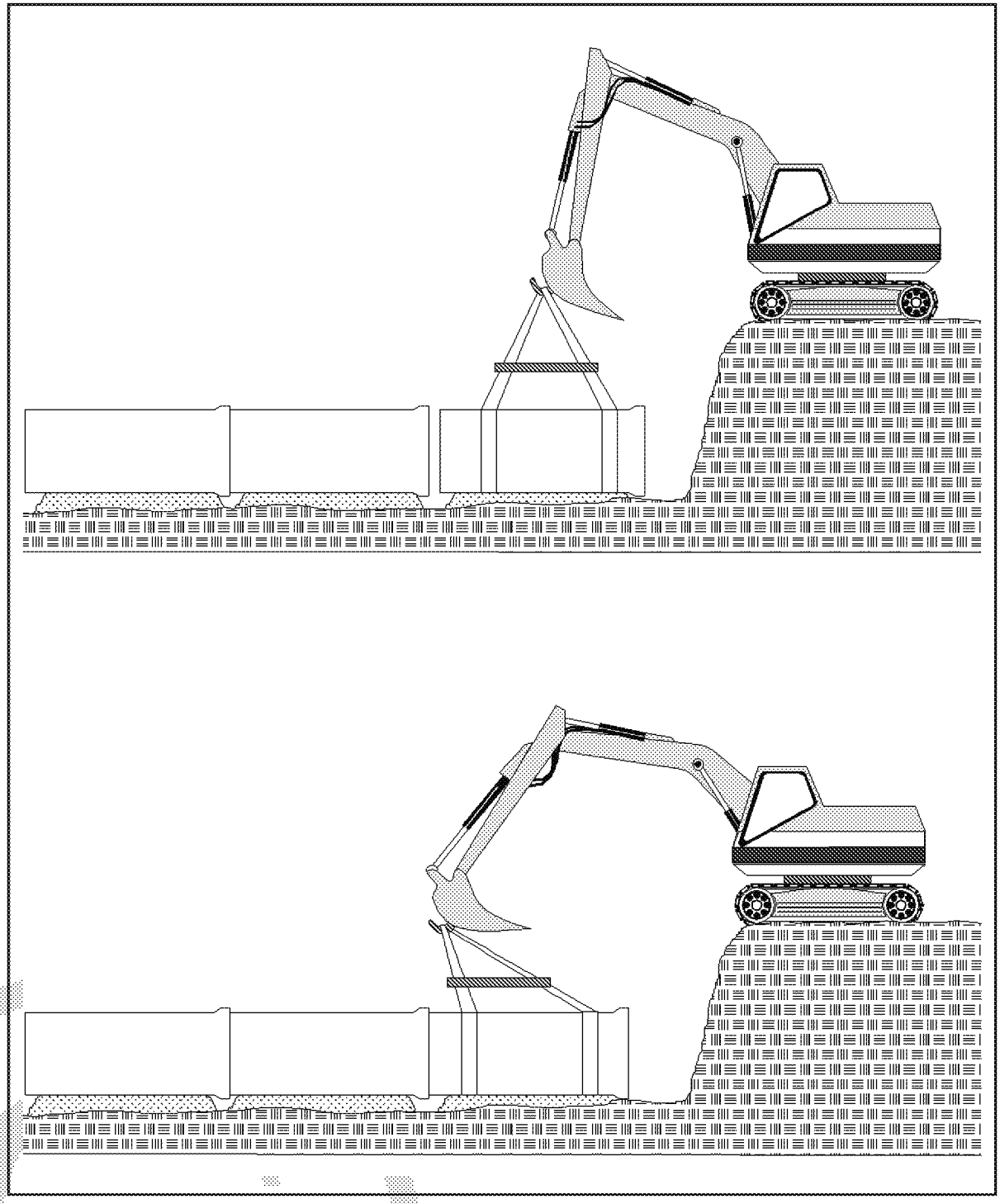

Figure 2 Typical installation of pipe with gasketed bell-and-spigot joints

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gasket. The only purpose of the feeler gauge test is to determine whether the gasket has rolled out of the groove during installation; it is not to determine the amount of clearance between the spigot and the bell.

4.4.4.1.3 Repair of rubber-gasket joints. If the gasket has disengaged, the joint shall be pulled apart, and the gasket shall be removed and checked for any damage. Reinstall the gasket, or if damaged, install a new gasket following the procedure in Sec. 4.4.4.1.1. Alternatively, if a pipe segment cannot be removed, seal-weld the interior of the joint, or insert a rolled steel round bar into the flare of the bell and seal-weld the round bar to the bell and spigot.

4.4.4.2 Pipe placement for welded lap joints. Mark the outside of the pipe at the quarter points for the required stab depth range. This dimension is provided on the joint detail drawings. It should be noted that interior lap-welded pipe should never be engaged to the point where the weld would be within 1 in. (25 mm) of the tangency of the point of bell radius. See Sec. 4.4.4.9.1 for more detail. Standard lap-welded joints consist of a single fillet weld made on either the interior or exterior of the pipe. On steep slopes, it may be advisable to use slings as chokers. Lower the pipe segment, bell end first, at an approximate 5° to 10° angle relative to the previously laid pipe segment. This will allow the bell edge to overlap the spigot (of the previously laid pipe) to the proper stab depth mark. On large-diameter pipe, a small tack weld may be placed onto the exterior of the bell and spigot at the "field top." This tack will act as a hinge that will guide the remainder of the bell insertion as the pipe is lowered (see Figure 3). The tack welds may remain as part of the permanent weld if the welder is properly qualified and the weldment meets the requirements of ANSI/AWWA C206 and the purchaser's documents. Under certain circumstances, some constructors may choose to insert the spigot straight into the bell by methods described in Sec. 4.4.4.1.1. As each length of pipe is placed in the trench, the joint shall be assembled and checked for stab depth, and the pipe shall be brought to correct line and grade. After the joint is properly engaged, deflect the joint, if required, within the prescribed limits in Sec. 4.4.4.3 or the purchaser's documents. If required by the purchaser's documents, proceed with the exterior or interior welding of the joint in accordance with ANSI/AWWA C206. If required by the purchaser's documents, perform nondestructive testing of the weld. Upon completion of the welding and/or weld testing, apply field joint coating per the appropriate standard. The pipe shall then be secured in place with approved initial backfill material. After backfilling the pipe, the interior lining at the joint shall be completed.

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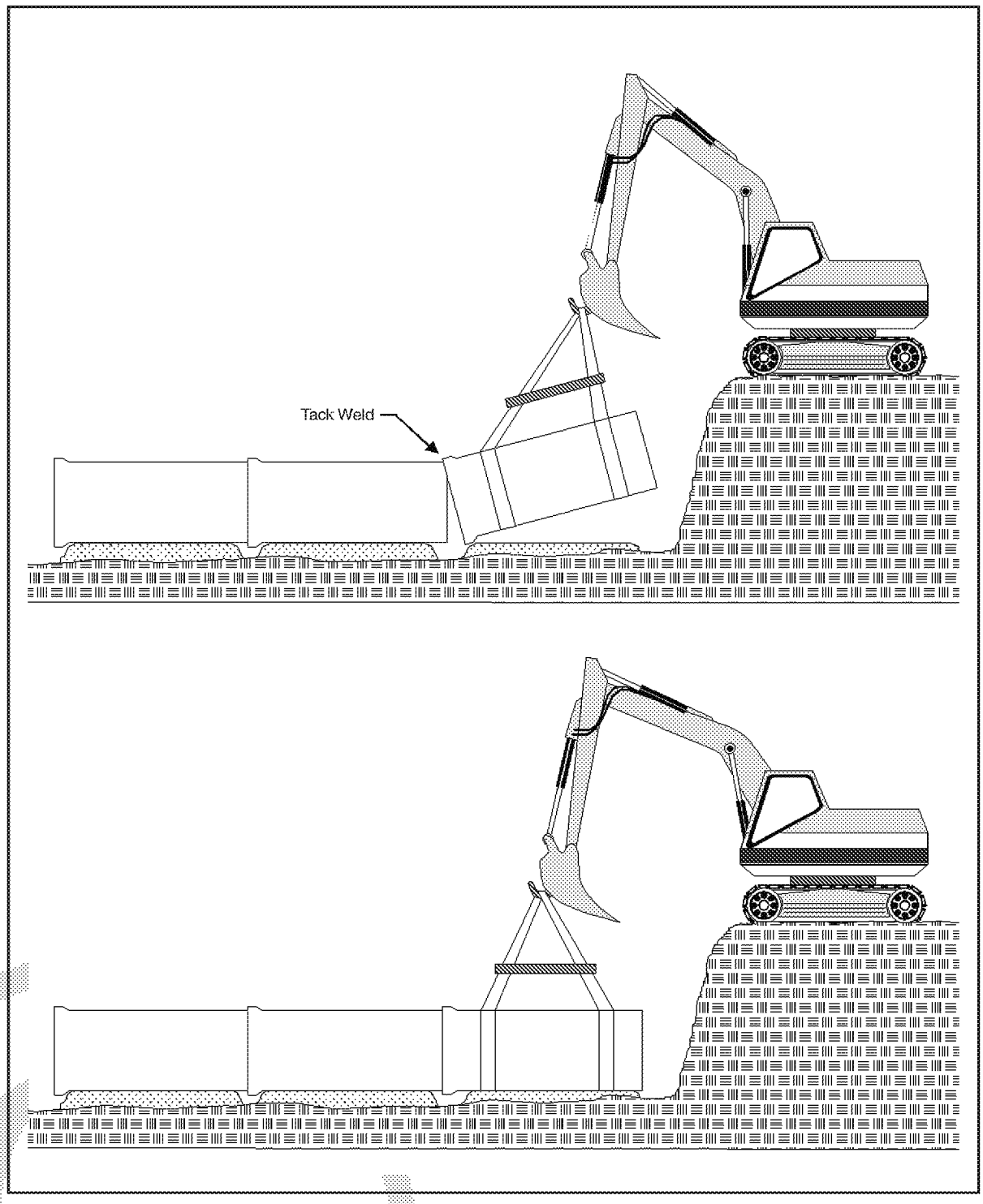

Figure 3 Typical installation of pipe with welded bell-and-spigot joints

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Weld-after-backfill is also an acceptable method for welding the pipe. This method involves assembling the pipe joint as described above, deflecting the joint if required, applying the appropriate exterior protective coating to the joint, and backfilling the pipe prior to welding the interior joint. Welding is done on the inside of the pipe after the backfill is complete. With inside single-welded joints, this method can reduce or eliminate thermal stress issues associated with welding pipe exposed to the sun or atmosphere. Once interior welding and/or weld testing is complete, the interior lining at the joint may be completed. Project-specific conditions and materials can vary, such as the exterior protective joint coating, backfill materials, use of thin-wall pipe, and welding procedures, which may warrant testing to verify the method at the start of construction.

4.4.4.3 Joint deflection. When it is necessary to deflect rubber-gasketed or lap-welded pipe joints from a straight line in either the horizontal line or vertical grade, the amount of joint deflection shall not exceed that amount which would affect the watertight seal for rubber-gasketed joints or that amount which results in a field weld closer than 1 in. (25 mm) to the nearest point of tangency to a bell radius with a minimum insertion of 1 in. (25 mm) for lap-welded pipe or in accordance with the purchaser's documents (see Figure 4). The pull is further described as the dimension in which the pipe joint insertion varies when measured from opposite sides (180° apart). This pull shall not diminish the minimum required insertion dimension. By using this joint pull, pipe can be aligned with long-radius curves as well as minor offsets during pipeline construction.

4.4.4.4 Flanged joints. Flanges commonly used for steel water pipe are slip-on type ring flanges. Flanges are designed for use with rubber or nonasbestos gaskets. Both the size and type of gasket material are controlling factors in the design of bolted joints, and the AWWA Manual M11 and ANSI/AWWA C207 recommendations should be followed.

Regardless of the type of gasket being used or the materials of construction, certain basic procedures must be followed if the joint is to be assembled, tested, and easily put into operation. Regardless of the method used to apply stress to the bolts or studs, the following procedure should be followed carefully:

1. Inspect the gasket seating surfaces. Look for tool marks, scratches, or pitting by corrosion, and make sure that the gasket seating surface is appropriate for the type of gasket being used. Deep radial tool marks on a gasket seating surface are virtually impossible to seal, regardless of the type of gasket used. This type of damage shall be cause for rejection, and the flange shall be repaired or replaced.

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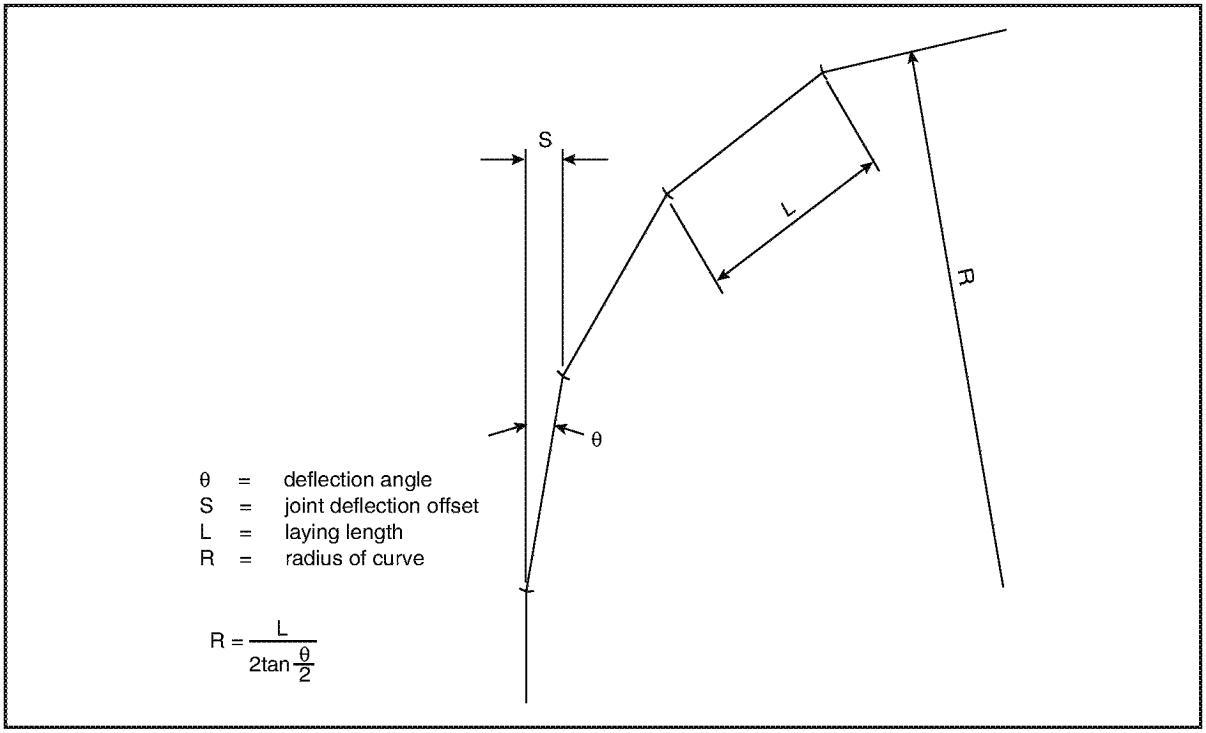

Figure 4 Joint deflection

2. Inspect the gasket. Confirm that the material is as required by the purchaser's documents, and look for defects or damage to the gasket.

3. Inspect and clean each stud or bolt, nut, washer, and the facing on the flanges against which the nuts will rotate. Look for severe galling, pitting, etc. If any of the above-mentioned items are damaged beyond repair, replace the item.

4. Lubricate all thread contact areas and nut facings. Do not construct the joint without applying the proper lubrication to the threaded surfaces and to the nut facings. The lubricant is necessary to provide a low coefficient of friction for installation and to achieve proper torque values.

5. With ring gasket installation, loosely install the stud bolts on the lower half of the flange. Insert the gasket between the flange faces to allow the bolts to center the gasket on the assembly. Install the remaining bolts and nuts.

With full-face gaskets, at least two bolts or studs must be placed in the top half of one flange, then the gasket placed over these bolts before mating the flanges. The remaining bolts and nuts can be installed to a hand-tight condition through the flange and gasket.

6. Torque the bolts up to a maximum of 30 percent of the final torque value required, following the recommended sequence shown in Figure 5. The recommended torque values are provided in AWWA Manual M11. Number the bolts

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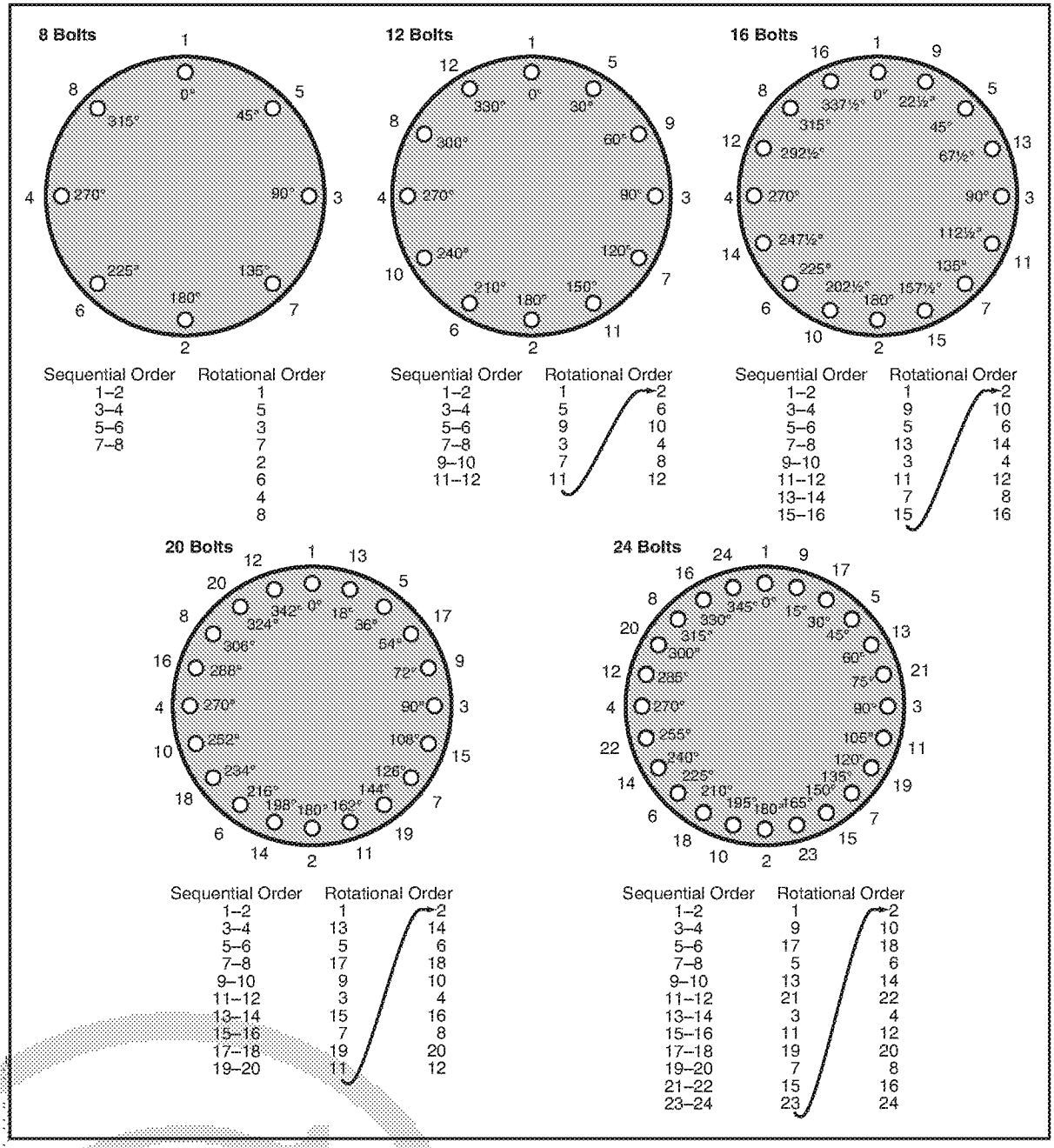

NOTES: 1. Patterns similar to the above are followed on larger flanges.
2. For insulating flanges, refer to the manufacturer's recommendations.

Figure 5 Bolt torque sequence

so that the torquing requirements can be followed. With any gasket material, it is extremely important to follow a proper bolting sequence.

7. Repeat step 6, increasing the torque to approximately 50 to 60 percent of the final torque value required.

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8. Continue with a rotational pattern of retorquing all studs or bolts to the desired amount until no further rotation of the nuts can be achieved at the prescribed torque load. This may require several retorquings, because as one bolt is torqued, it will relieve the stress on the adjacent bolt until equilibrium is achieved.

4.4.4.5 Transition couplings. Transition couplings may be required for joining different types or sizes of pipe. Such transition devices are typically available. When ordering, the actual outside diameter of the pipe ends shall be given.

4.4.4.6 Tapping sleeves. Tapping sleeves are a means of making branch connections to existing pipelines. The procedures for proper installation of tapping sleeves shall follow the manufacturer's recommendations.

4.4.4.7 Sleeve couplings. Sleeve couplings are used on pipelines of all diameters. Follow the manufacturer's recommendations and ANSI/AWWA C219 for their installation.

4.4.4.8 Split-sleeve coupling. Split-sleeve couplings are used on pipelines of all diameters. Follow the manufacturer's recommendations and ANSI/AWWA C227 for their installation.

4.4.4.9 Welded joints. Welding shall meet the requirements of ANSI/AWWA C206 and the purchaser's documents for the project. The need for welded joints will vary by project and will be identified in the purchaser's documents. The single lap weld joint is the most commonly used configuration for joint restraint.

Joint welding procedures, welders, and welding operators shall be qualified under tests prescribed in ANSI/AWWA C206. Preheat and interpass temperature maintenance is often required prior to welding and during welding to prevent cracking. The specific preheat and interpass temperature maintenance requirements will vary depending on the welding process, steel specification, steel thickness, and metal temperature and should be determined by using AWS D1.1.

A protective cover shall be draped over the pipe near the vicinity of welding if protection of the coating is required. Field welding in the interior of steel pipe is ordinarily limited to 30-in. (750-mm) or larger pipe, to provide for access and egress. When personnel are working inside, ventilation shall be provided in strict accordance with federal, state or provincial, and local regulations.

Wire brushing is usually sufficient to remove any dirt or light rust to prepare the surface for welding. Small tack welds can be used to hold the pipe in position for welding, provided the tacks are sound and meet the requirements of ANSI/AWWA C206. The number of weld passes needed to complete the joint is a function of the steel wall thickness, type of joint, and type of welding. Interior welding

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using the weld-after-backfill method may require more than one weld pass to limit temperature at the joint and damage to the exterior coating.

4.4.4.9.1 Welded lap joints. There are several welding configurations for the lap joint. The single lap weld joint is completed using a single weld that can be accomplished on either the inside or outside of the pipe joint. Inside welding is frequently limited to pipe diameters of 30 in. (750 mm) and larger. The nominal engagement of a lap-welded joint is 2 to 3 in. (50 to 75 mm) deep with a minimum required final overlap between the bell and the spigot after pullout of 1 in. (25 mm) or three times the thickness of the belled pipe, whichever is greater. The typical pullout is 1 in. (25 mm), but in all cases, the 1-in. (25-mm) minimum required overlap must be maintained. No part of any field weld shall be closer than 1 in. (25 mm) to the nearest point of tangency to a bell radius. The allowable angle of deflection is provided in Sec. 4.4.4.3.

4.4.4.9.2 Welded butt joint. Welded butt joints are sometimes specified for special design conditions. Butt joints are usually single-V-groove ends and can include a backup ring. The backup ring will be located on the pipe interior for smaller-diameter pipe and on the exterior or interior for larger pipe (over 30 in. [750 mm] in diameter). Field joints shall be assembled so that longitudinal seams in adjacent pipes are offset from each other by at least five times the thickness of the thicker of the pipes being joined. Single-V-groove butt joints may be welded from the outside of the pipe, or from the inside of the pipe if the diameter is large enough. The backing rings may be left in place after welding. Line-up clamps can assist in the pipe installation. The installation procedure of field-welded butt joints is basically identical to the above except that when the two ends have touched, caution should be exercised to ensure that the proper root opening is achieved and the pipe is firmly secured in position prior to installing subsequent pipe segments.

4.4.4.9.3 Welded butt-strap joints. Where welded butt-strap joints are used, the butt straps shall have a minimum plate thickness equal to the thinnest member being joined and shall be fabricated from steel listed in ANSI/AWWA C200 and meeting the purchaser's pipe design requirements. In accordance with ANSI/AWWA C206, the strap shall have a minimum width of 4 in. (100 mm) for pipe less than 24 in. (600 mm) in diameter and 6 in. (150 mm) for pipe 24 in. (600 mm) nominal diameter and larger. The minimum lap between pipe ends and the edge of the butt strap shall be 1 in. (25 mm) for pipe less than 36 in. (900 mm) in nominal diameter and 2 in. (50 mm) for pipe 36 in. (900 mm) nominal diameter and larger.

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For butt-strap joints, the longitudinal seams of adjacent pipe sections may be in alignment provided that the butt-strap seams are offset from the pipe seams by at least five times the thickness of the thicker member involved in the joint. The butt strap may be welded on the pipe exterior, interior, or both.

4.4.4.9.4 Welded joint testing. If required by the purchaser's documents, nondestructive joint testing is performed by visual inspection, magnetic particle, or dye penetrant testing of single-fillet welds, magnetic particle testing of butt-welded joints, or air testing of double-fillet welds. Vacuum look box testing has been used on a limited basis as an alternative method for fillet welds and butt welds. Radiographic testing and ultrasonic testing have been used on a limited basis as alternative methods for testing butt joints. Radiographic testing is not recommended for butt joints with backing and lap joints. The test method shall be specified in the purchaser's documents. These test methods and repair of defective welds are further described in ANSI/AWWA C206.

4.4.4.10 Pipe cutting. Prior to cutting, pipe shall be checked to ensure it is within the necessary tolerance for proper assembly with the adjoining pipe. If the adjoining pipes are not within the needed longitudinal tolerance, either replace the segment or use an alternative field joint such as a butt strap. Cutting pipe for insertion of valves, fittings, or closure pieces shall be done in conformance with all safety requirements. Cutting may be performed by a power abrasive saw, oxygen-acetylene torch, plasma arc, air-arc, or other suitable means. The resulting cut end will require corrective preparation before assembly with the adjoining pipe. Cut ends and rough edges shall be ground smooth.

4.4.4.11 Expansion joints. Provisions shall be made for the expansion and contraction of welded pipelines exposed to extreme temperature differential during installation. Failure to provide for this expansion and contraction can result in undesirable levels of thermal stress in the steel. Where individual pipe lengths are anchored and sleeve-type couplings are used for field joints, the joints must allow enough movement so that expansion and contraction is not cumulative over an excessive length. Thermal expansion is usually accommodated for trench-laid welded pipelines to avoid the accumulation of expansion and contraction during installation. These joints usually include a lengthened bell, which is welded during the coolest part of the day and only after all adjacent pipe has been welded and buried.

4.4.4.12 Bonding of joints. When required by the purchaser's documents, the bonding of nonwelded joints shall be used to make the line electrically

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continuous. Electrical continuity allows for monitoring of the pipeline. Electrical bonding jumpers may be welded in the field to provide electrical continuity between adjoining pipes. The bond welds should be kept close to the ends of the pipe to allow joint end coatings to cover the bonding jumpers.

4.4.4.13 Protective coatings at field joints. Generally, pipe lengths are coated and lined in the shop, excluding only the pipe ends that are completed in the field. After field assembly, the exterior and interior joint ends shall be completed with coatings that are compatible with the original coating system of the pipe and in conformance with the applicable AWWA standards. The type of pipe coating and end coating shall be determined by the purchaser's documents. Various pipe end coatings and linings are available, which are further described in ANSI/AWWA C203, ANSI/AWWA C205, ANSI/AWWA C209, ANSI/AWWA C210, ANSI/AWWA C216, ANSI/AWWA C217, ANSI/AWWA C222, and ANSI/AWWA C602. For application and repair of these materials, follow the appropriate AWWA standard and the manufacturer's recommendations. Three commonly used materials for pipe end field coatings are heat-shrink sleeves (ANSI/AWWA C216), hand-applied tape (ANSI/AWWA C209), and hand-applied cement mortar (ANSI/AWWA C205). Field joint and repair applications for these materials are briefly described by this standard.

4.4.4.13.1 Tape wrapping field joints. Tape is provided in various widths for various needs but is generally 6 to12 in. (150 to 300 mm) wide. Taping can be completed at any temperature as long as the roll body temperature of the tape is maintained above 70°F (21°C). The procedure for proper tape wrapping of field joints is fully described in ANSI/AWWA C209 and is summarized as follows:

1. Make sure the joint to be taped is complete, the gasket is checked, the weld is inspected, and the metal is cool to a temperature below 130°F (54°C).
2. Clean the area to be taped to make sure all moisture has been removed.
3. Prime all around the joint, including several inches on both sides beyond the area where the actual joint tape will be applied. Place filler material at all pipe joints and at irregularities to create a smooth surface. (Lap welds, where the exterior is a full thickness weld, and butt welds do not require filler material.)
4. Start in a downhill direction of the pipe and wrap two complete layers around the pipe until overlapping the starting point by a minimum of 4 in. (100 mm). Cut the tape so as not to damage the field coating. The start and stop spots do not need to be much farther than 10° to 15° from the top centerline.

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5. Make sure the tape around the joint is wrinkle-free and stretched taut. It is preferable to keep the welded bonding jumper close to the pipe ends and wrap the whole area with the tape as the joint is wrapped.

6. Make sure that partial rolls of tape go around at least one complete wrap.

7. Inspect the completed wrap using a holiday detector.

4.4.4.13.2 Taped pipe repairs. Many taped pipelines include a three-layer system. The first layer that actually bonds to the pipe is typically a black tape. The second layer is a higher-density tape to give durable protection during handling and service. The third layer is a tape that provides good protection to the inner layers of tape. In most cases, this outer layer is white. The three layers are generally supplied in three different colors so that in the event of damage, the colors will assist in determining the extent of damage to the total tape system. The procedure for properly taped pipe repairs is fully described in ANSI/AWWA C209 and is summarized as follows:

1. Minor wrinkles, scuffs, or any tears located on the edge of the tape that do not go past the overlap area are generally acceptable. These conditions listed still give the tape a full film thickness, and it is not practical to remove the high-density machine-applied tape and replace it with a softer patch-type material.

2. If a tear occurs in only the outer layer, repair the damaged area with one layer of tape with a minimum overlap of 4 in. (100 mm) onto the existing coating system.

3. If the damaged coating area shows evidence of going further into the coating system, use the repair method outlined below.

a. Cut away the damaged tape at an angle tangent to the surface of the pipe so that the tape system is not cut or damaged any further.

b. Wipe clean the area to be taped and make sure it is dry and free from dirt.

c. Prime the area to be repaired and let the primer dry to a tackiness before applying the repair tape. The primed area shall be of sufficient size to extend beyond all applied patch tape.

d. Cut the tape to such a size that it extends beyond the damaged area for a minimum of 4 in. (100 mm) in all directions around the area to be repaired. Apply the tape starting at the center and working toward the edge, making sure to smooth out all wrinkles. Make sure the primed area extends past the tape edges.

e. Only one layer of repair tape is required on damages that affect the outer layer of tape. If a second layer of tape is required to complete the patch, place the second layer of patch material over the first extending a minimum of 1 in.

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(25 mm) in all directions past the first layer patch. It will always require two pieces of tape to accomplish this overlap process.

f. Perform a holiday test on the repair area.

4.4.4.13.3 Heat-shrink sleeves on field joints. Heat-shrink sleeves are used to protect field joints from moisture and oxidation. The procedure for proper application of heat-shrink sleeves is fully described in ANSI/AWWA C216 and is summarized as follows:

1. Clean the area of the heat-shrink sleeve to remove all moisture, soil, and foreign materials.

2. If required by the heat-shrink sleeve installation instructions, place filler material at pipe joints and at irregularities to create a smooth surface. If required by the heat-shrink sleeve installation instructions or purchaser's documents, abrade polyurethane coatings (tape systems do not need to be abraded) and/or preheat the joint as required.

3. Fit the sleeve around the joint.

4. Heat the sleeve to shrink and seal the sleeve to the joint.

5. Using rollers, remove all wrinkles to ensure that the sleeve has intimate contact with the pipe.

4.4.4.13.4 Cement mortar for field joints and repairs. Pipe ends and areas needing repairs shall be clean of deleterious materials and the surface prepared for the cement mortar in accordance with ANSI/AWWA C205. When feasible, interior cement mortar for field joints and repairs shall be applied after the trench has been backfilled. Typically for 24 in. (600 mm) and larger diameters, the inside recess is pointed with mortar. On smaller diameters, the shoulder of the bell is "buttered" with a stiff mortar, and a swabbing device, such as an inflated rubber ball wrapped with burlap, is placed in the previously laid section of the pipe. The ball has a wire attached to it, and the wire is threaded through the next pipe section to be laid. When the sections are joined, the spigot squeezes the mortar into position against the shoulder of the bell. Then the swabbing device is pulled past the joint by means of the wire, and the excess mortar is wiped away, leaving a smooth, flush inside joint. For exterior joints, cement mortar shall be poured in the joint space through a grout band that is wrapped around the joint and firmly strapped onto both sides after field joint assembly. Repairs to the exterior mortar coating of the pipe shall be made during pipe installation and before backfilling. Cracks in cement–mortar-lined steel pipe are a common occurrence. These cracks are most commonly shrinkage cracks, which are caused when the mortar dries out.

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Contributing factors may be unprotected pipe ends, rough handling, or thermal stresses caused by weather. It is important to keep the pipe ends capped; small amounts of water can be added to the inside when the pipe is subjected to hot, dry climates. Cracks of 1/16 in. (1.6 mm) or less are acceptable by ANSI/AWWA C205. If cracks exceed 1/16 in. (1.6 mm), a slurry mixture can be brushed over the cracked area prior to filling the pipeline. The material requirements and application procedures of cement mortar for field joints and general repairs are described in ANSI/AWWA C205. Do not fill pipe for 72 hr after the last concrete repair.

4.4.5 *Thrust restraint.* The need for thrust restraint is a design consideration that is not covered by this standard. Such restraint typically is provided by welded joints.

4.4.6 *Backfilling.* It is important to identify components of the trench and recognize how they relate to the overall backfilling process and material requirements. Pipe bedding, haunch zone, initial backfill, and final backfill materials are project-specific and can be composed of different materials with varying compaction levels. Subgrade improvement is typically only required when unacceptable material causes an unstable trench bottom. The subgrade improvement depth (if required) is generally specified or directed by the purchaser. Pipe bedding is typically 2 in. to 6 in. (50 mm to 150 mm) in depth directly under the pipe and is loosely consolidated to provide uniform support for the pipe. The haunch zone begins at the bottom of the pipe and is typically placed to a depth of up to 1/3 of the pipe diameter. Haunch area materials are typically the same material as the initial backfill. Proper installation of the haunch zone material provides uniform support of the pipe and has the greatest impact on limiting deflection of the pipe. Voids in the haunch zone of the pipe are unacceptable. Initial backfill typically begins at the top of the bedding or haunch zone and continues to the top of the pipe. Final backfill begins at the top of the initial backfill and proceeds to finished grade. The purchaser should specify if the initial backfill is to be placed above the top of the pipe. Placing initial backfill over the top of the pipe provides a consistent environment encapsulating the pipe, which may aid in the corrosion protection of the pipe. For this case, the initial backfill is typically placed 6 in. (150 mm) over the top of the pipe for pipe smaller in diameter than 24 in. (600 mm) and 12 in. (300 mm) over the top of the pipe for pipe 24 in. (600 mm) in diameter and larger. Typically acceptable final backfill material and compaction requirements are detailed in purchaser's documents, but in all cases, stones or rocks larger than 3 in. (75 mm) in diameter for mortar-coated pipe and 3/4 in. (19 mm) in diameter for dielectric-

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coated pipe may damage the coating and shall not be placed in direct contact with the pipe. From 6 in. to 12 in. (150 to 300 mm) above the top of the pipe to finish grade, material containing stones up to 8 in. (200 mm) in their greatest dimension may be used.

4.4.6.1 Pipe embedment and subgrade material. When the type of backfill material is not specified by the purchaser, the excavated material may be used provided the material meets the requirements of this standard. All pipe embedment and subgrade material shall be free from cinders, ashes, refuse, vegetable or organic material, frozen soil, boulders, rocks or stones larger than 3 in. (75 mm) in diameter for mortar-coated pipe and ¾ in. (19 mm) in diameter for dielectric-coated pipe, or other unsuitable materials.

4.4.6.1.1 Initial backfill may be class SC1, SC2, and SC3, see Table 1, and shall be densified around the pipe in accordance with Figure 6. Minimum density levels of the backfill are important in preventing deflection of the pipe. The density shall be specified by the purchaser or shall be as determined in AWWA M11 by the soil class used and the recommended pipe deflection limits. Regardless of the method of densification used, materials shall be brought up at substantially the same rate on both sides of the pipe. When installing pipe 36 in. (900 mm) and larger, confirm that the backfill properly supports the pipe haunch area. Take care to ensure that the pipe is not floated or displaced before backfilling is complete.

Pipe deflection should be monitored to verify that the proper installation techniques are being used.

4.4.6.1.2 Cohesive soils shall be compacted with mechanical equipment or hand tamping. Care shall be taken not to damage coatings during compaction. Proper equipment and care in placement will ensure the required compaction under the haunch of the pipe. Initial backfill for pipe up to 48 in. (1,200 mm) in diameter shall be placed in layers of not more than 12 in. (300 mm) in thickness. Initial backfill for pipe larger than 48 in. (1,200 mm) in diameter shall be placed in layers not exceeding 24 in. (600 mm) in thickness and subject to meeting the compaction requirements.

4.4.6.1.3 Free-draining soils may be densified by mechanical equipment, hand tamping or tamping with water-using devices, or through methods such as water jets, immersion-type vibrators, or flooding. These soils are usually placed in a minimum of two layers, with the first layer placed loose to no higher than the spring line of the pipe. The thickness of the layers shall not exceed the penetrating depth of the vibrators if consolidation is performed by jetting and internal vibration.

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Table 1 Soil stiffness categories

Soil Stiffness Category	Soil Type*	AASHTO Soil Groups†
SC1	Clean, coarse-grained soils: SW, SP, GW, GP, or any soil beginning with one of these symbols with 12% or less passing a No. 200 sieve	A-1, A-3
SC2	Coarse-grained soils with fines: GM, GC, SM, SC, or any soil beginning with one of these symbols more than 12% fines. Sandy or gravelly fine-grained soils: CL, ML (or CL-ML, CL/ML, ML/CL) with more than 25% retained on a No. 200 sieve	A-2-4, A-2-5, A-2-6, or A-4 or A-6 soils with more than 25% retained on a No. 200 sieve
SC3	Fine-grained soils: CL, ML (or CL-ML, CL/ML, ML/CL) with 25% or less retained on a No. 200 sieve	A-2-7, or A-4 or A-6 soils with 25% or less retained on a No. 200 sieve

*ASTM D2487, Standard Classification of Soils for Engineering Purposes.

†AASHTO M145, Classification of Soils and Soil Aggregate Mixtures.

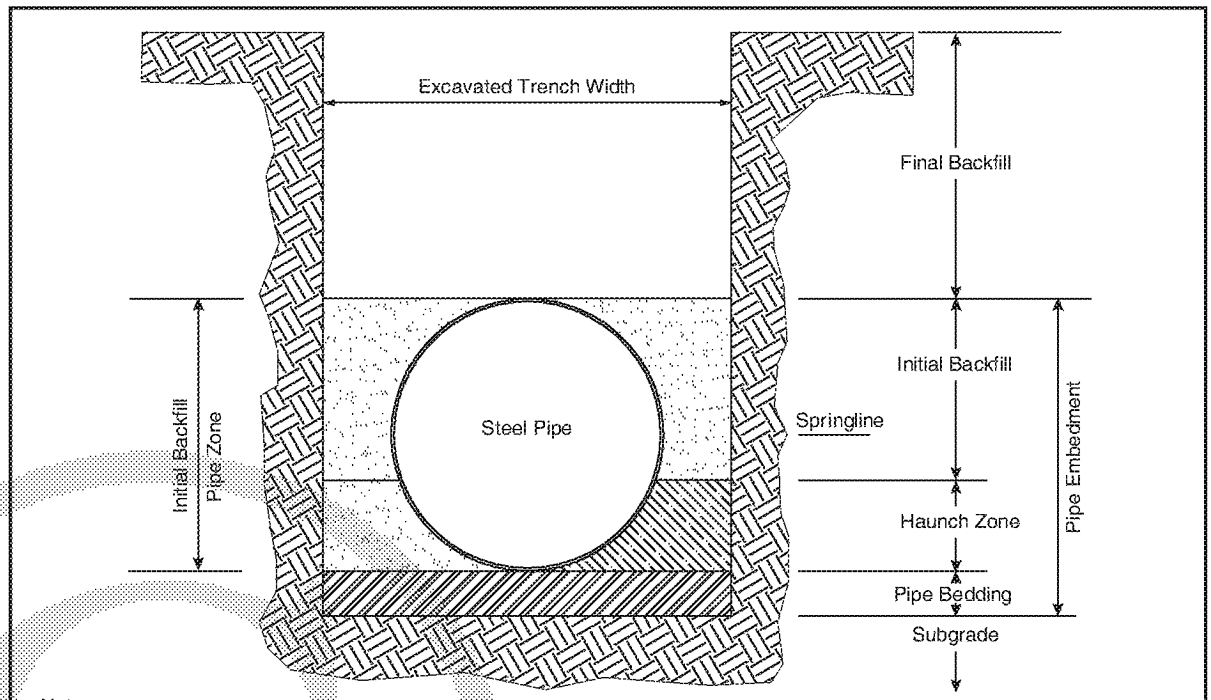

Figure 6 Trench cross section

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4.4.6.1.4 Final backfill above the pipe embedment shall not be placed until the compaction of the pipe embedment backfill is satisfactorily complete. To prevent damage to the pipe, sufficient compacted backfill shall be placed over the pipe before allowing any type of vehicle over it.

NOTE: Loosely placed final backfill above the pipe may promote unwanted surface settlement, which could be detrimental to improvements subsequently placed over the trench.

4.4.6.2 Compaction. Care shall be taken to ensure compaction equipment does not damage the pipe coating. Ensure proper compaction of backfill to avoid ovalling of the pipe beyond the required limits.

4.4.6.3 Partial backfilling during testing. Newly installed pipelines are normally tested after backfilling. When unusual conditions require that pressure and leakage testing be accomplished before completion of backfilling, or with pipe joints accessible for examination, sufficient backfill material shall be placed over the pipe barrel between the joints to prevent movement, and due consideration shall be given to restraining thrust forces during testing.

4.4.7 *Flushing.* Foreign material left in pipelines during installation can result in valve or hydrant seat leakage during pressure tests. Every effort shall be made to keep lines clean during installation. Thorough flushing is recommended prior to a pressure test; flushing shall be accomplished by partially opening and closing valves several times under expected line pressure, with flow velocities adequate to flush foreign material out of the valves.

4.4.8 *Disinfection.* Newly installed mains carrying potable water shall be disinfected in accordance with ANSI/AWWA C651. Provisions shall be made to avoid contamination of existing mains by cross connection during testing/disinfection/flushing of newly installed mains.

NOTE: Discharge from flushing or disinfection shall be directed away from the pipe alignment so that trench stability is not affected and shall be in accordance with federal, state, and local point discharge requirements.

4.4.9 *Highway and railroad crossings.*

4.4.9.1 Casing pipe. When casing pipe is specified for highways or railroad crossings, the project shall be completed in accordance with applicable federal, state or provincial, and local regulations. In the case of railroad crossings, the project shall also comply with regulations established by the railroad.

4.4.9.2 Carrier pipe. The casing pipe and other pipe appurtenances shall be a minimum of 8 in. (200 mm) larger than the outside diameter of the steel pipe

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bells to prevent damage during installation and to prevent pipe-to-casing contact. Carrier pipe may be pushed or pulled through the completed casing pipe. Spacers and/or insulator skids shall be placed around the carrier pipe to ensure approximate centering within the casing pipe and to prevent damage during installation or flotation. Care shall be exercised to avoid metal-to-metal contact. If the casing annulus is grouted, grout pressures and lifts must be maintained to avoid deflecting or collapsing the steel carrier pipe. Carefully monitor the carrier pipe during the grouting operation to verify the proper grouting techniques are being used.

4.4.10 *Subaqueous crossings.*

4.4.10.1 Subaqueous installations. When it is necessary to cross a body of water, the preferable practice is to dewater the area and proceed according to the conventional pipeline construction practices described in this standard. In the event the purchaser's documents allow subaqueous construction, the constructor is strongly advised to use an engineered system specifically developed for the pipe, crossing depth, intended cover, and means planned for such a crossing. The use of a restrained-type joint (welded or mechanical) is recommended. However, the additional details necessary for subaqueous construction are not covered in this standard.

SECTION 5: VERIFICATION

Sec. 5.1 Inspection

5.1.1 *Inspection on delivery.* All pipe and appurtenances are subject to inspection at the point of delivery. Material found to be defective because of manufacture or damage in shipment shall be recorded on the bill of lading and may be rejected. There shall be agreement between the purchaser and constructor regarding any necessary repairs. The purchaser shall be allowed to monitor the repairs prior to installation.

Sec. 5.2 Hydrostatic Field Testing

WARNING: The testing methods described in this section are specific for water-pressure testing. These procedures shall not be applied for air-pressure testing because of the serious safety hazards involved.

The main objective of a field hydrostatic pressure test (hydro test) is to check the watertightness of joints, as each length of pipe is shop tested per purchaser's documents. The hydro test can be performed after backfilling is complete and

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at a purchaser-specified pressure above the design working pressure of the line. Where possible, bolted flexible joints should be left uncovered until the hydro test is complete.

5.2.1 *Test restrictions.* Test pressure shall not exceed 125 percent of working pressure unless taken into consideration in the design and shall never exceed pipe or thrust-restraint design pressures. The line shall be vented and care shall be taken to ensure that all air in the line escapes during the filling operation. The line shall be filled slowly to prevent water hammer.

Upon completion of filling with water, the hydrostatic test shall last at least 2 hr. Pipe with cement–mortar linings should be filled for a minimum of 24 hr prior to testing to allow for water absorption into the lining. Water absorption into linings and other factors may extend the duration required for a successful hydro test.

5.2.2 *Air removal.* Before applying the specified test pressure, air shall be expelled from all air vents along the section of piping being tested.

5.2.3 *Examination.* Any exposed pipe, fittings, valves, and joints shall be examined carefully during the test. In addition, the entire length of the pipeline shall be examined for movement, defects, and leaks that may appear at the surface. Any revealed damage or defective pipe, fittings, valves, or joints shall be repaired or replaced with sound material, and the test shall be repeated until satisfactory results are obtained.

5.2.4 *Allowable makeup water.* Makeup water shall be defined as the quantity of water that must be supplied into the newly laid pipe or any valved section thereof to maintain pressure within 5 psi (34.5 kPa) of the specified test pressure after the pipe has been filled with water and the air has been expelled. Makeup water shall not be measured by a drop in pressure in a test section over a period of time.

The allowable makeup water shall not exceed 10 gal per in. diameter per mi of pipe per 24 hr (0.93 L per mm diameter per km of pipe per 24 hr) as measured by the water required to maintain the specified test pressure.

NOTE: The air removal and test procedure above will expel most but not all air from the pipeline. This section assumes some air will remain in the pipeline during testing and provides for this condition.

5.2.5 *Valve seat leakage.* When testing against closed valves, makeup water per closed valve of 0.0078 gal/hr/in. (1.2 mL/hr/mm) of nominal valve size shall be allowed. This is in addition to the makeup water in Sec. 5.2.4. When testing against existing valves is necessary, some leakage can be expected and should not be the sole basis for rejection.

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5.2.6 *Acceptance of installation.* Acceptance shall be determined on the basis of the hydro test. If any test of laid pipe requires makeup water greater than that specified, repairs or replacements shall be accomplished and the pipe retested.

5.2.6.1 All visible leaks shall be repaired regardless of the amount of leakage.

SECTION 6: DELIVERY

Sec. 6.1 Unloading, Handling, and Storage

Care shall be exercised when unloading, handling, and storing pipe. Nylon or protected slings at least 4 in. (100 mm) wide or padded forks shall be used to handle coated pipe. Cables, chains, ropes, or other equipment that is likely to damage pipe coatings shall not be used.

Coated pipe shall be handled, stored, and shipped in a manner that will prevent damage to the coating. If the coating is damaged during handling, storage, or shipping, it shall be repaired with the original or a compatible repair coating as recommended by the coating manufacturer and in accordance with the applicable AWWA standard.

All pipe, fittings, and accessories shall be loaded and unloaded carefully to avoid impact or damage. Under no circumstances shall such material be dropped.

6.1.1 *Secure pipe.* Before release of tie-downs around the pipe, the loads shall be checked to ensure the pipe is secure and stable.

6.1.2 *Padding.* Slings, hooks, and pipe tongs shall be padded and used in such a manner to prevent damage to the exterior surface or internal lining of the pipe, fittings, or related product.

6.1.3 *Internal bracing.* Pipe manufacturers provide internal bracing for handling and shipping purposes if required. The constructor should maintain the bracing and ensure its adequacy during installation. This bracing may or may not be adequate to limit pipe deflection during backfilling operations. The purchaser should specify the requirements for bracing if its use is desired to limit pipe deflection during backfilling.

6.1.4 *Jobsite storage.* Stored materials shall be kept safe from damage. The interior of all pipe, fittings, and other appurtenances shall be kept reasonably free from dirt or foreign matter at all times.

Coated pipe shall be protected from ultraviolet and weathering damage as recommended by the coating manufacturer. Coated pipe should never be placed,

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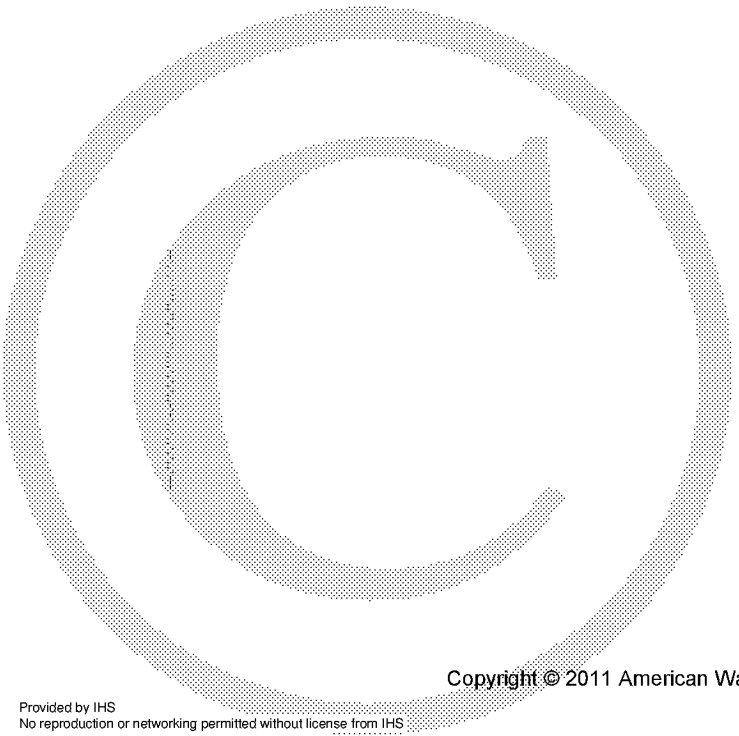
dragged, or rolled directly on the ground. Padded skids, earthen berms, burlap sacks filled with sand, and old car tires are some of the means to adequately bunk the pipe at the jobsite. Pipe shall not be stacked without proper padding. Plastic caps on the pipe ends for pipe that is cement–mortar lined shall be left in place until just prior to installation.

Sec. 6.2 Affidavit of Compliance

The purchaser may require an affidavit of compliance or test reports from the constructor stating that the material installed or tests performed comply with all applicable requirements of this standard.



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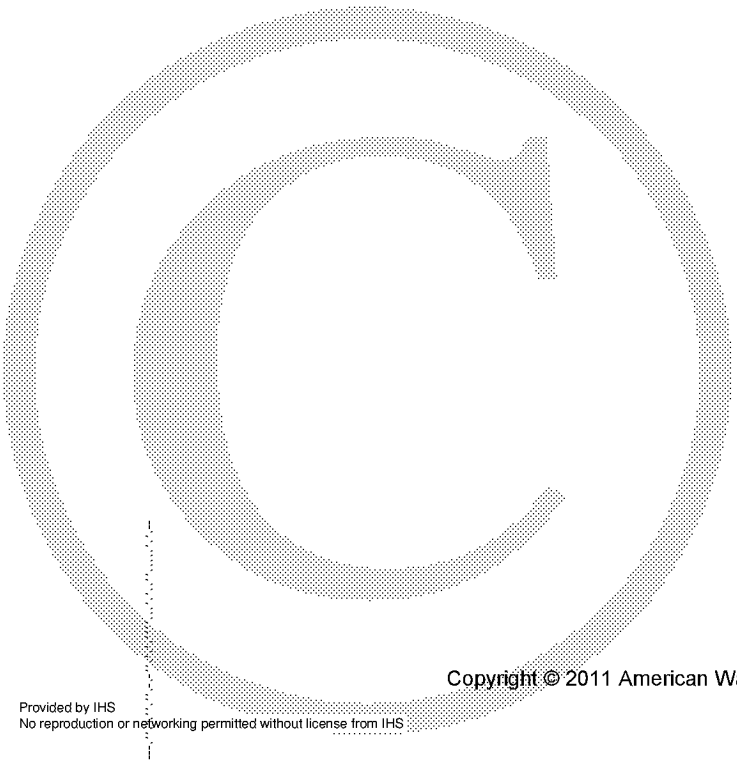

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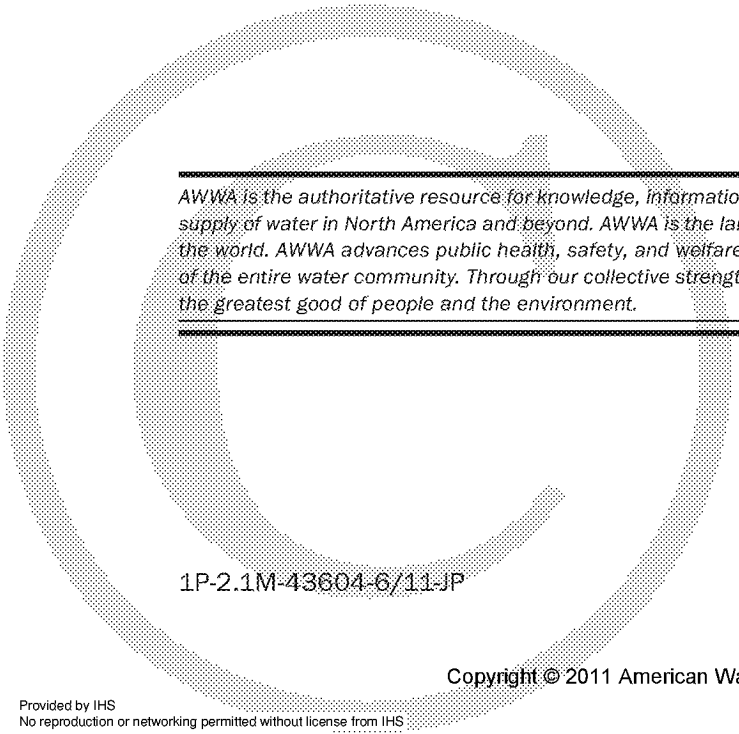

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From: Cook, Pat (DNRE)
Sent: Thursday, February 17, 2011 1:56 PM
To: Rusz, Rick (DNRE)
Subject: RE: Lime Water Treatment Plants
Attachments: Plants with Lime Addition #2.xls

Hi Rick,

Attached is a list of the "lime plants" in Michigan. The last column has a brief description of how they dispose of their lime sludge. Hope this helps.

When I get the info for Adrian, I'll forward it to you.

Pat Cook, P.E.
Michigan DNRE
Community Drinking Water Unit
(517) 241-1242

From: Rusz, Rick (DNRE)
Sent: Tuesday, February 15, 2011 1:33 PM
To: Cook, Pat (DNRE)
Subject: RE: Water Treatment Plants

Now that I am looking at this further, would it take much effort to check with the districts? I would need an answer before the end of the week to meet my deadline. We are working on answering interrogatories in the court case. The question would just be which of these use lagoons for their residuals.

From: Cook, Pat (DNRE)
Sent: Tuesday, February 15, 2011 9:48 AM
To: Rusz, Rick (DNRE)
Subject: RE: Water Treatment Plants

Hi Rick,

Attached is a list of water plants that use lime as part of the treatment process. However, it does not include, nor does any database we have contain the information about how these plants store or get rid of the lime residuals/sludge. (I know Howell, MHOG and East Lansing Meridian Two have pond or lagoons, but I'm not sure about the others.)

I can get the info you are looking for from the districts if needed.

Pat Cook, P.E.
Michigan DNRE
Community Drinking Water Unit
(517) 241-1242

From: Rusz, Rick (DNRE)
Sent: Tuesday, February 15, 2011 9:17 AM
To: Cook, Pat (DNRE)
Subject: Water Treatment Plants

Pat, I am working on the Plainfield Township lawsuit regarding their discharge of lime residual sludges to the Coit Avenue Pit. Mike Bolf suggested I check with you. Is there a way to generate a list of all the municipalities in the state that have lime residual lagoons as part of their treatment system?

Rick D. Rusz, Enforcement Specialist
Water Enforcement Unit
Field Operations Section - Lakes Erie and Huron
Water Resources Division
Department of Natural Resources and Environment
Constitution Hall, 2nd Floor South
525. W. Allegan
P.O. Box 30458
Lansing, Michigan 48909-7958
Telephone: 517-335-4709
FAX: 517-373-2040

	A	B	C	D	E
1	**Systems Using Lime (02/17/11)**				
2	WSSN	System	Source	Process	Objective
3	00040	ADRIAN	SW	LIME - SODA ASH ADDITION	SOFTENING (HARDNESS REMOVAL)
4	00120	ALLEGAN	GW	LIME - SODA ASH ADDITION	INORGANICS REMOVAL
5	00140	ALMA	SW	LIME - SODA ASH ADDITION	SOFTENING (HARDNESS REMOVAL)
6	00220	ANN ARBOR	SW	LIME - SODA ASH ADDITION	SOFTENING (HARDNESS REMOVAL)
7	00470	BAY CITY	SW	LIME - SODA ASH ADDITION	SOFTENING (HARDNESS REMOVAL)
8	01995	EAST LANSING-MERIDIAN TWP WATER AUTHORITY	GW	LIME - SODA ASH ADDITION	SOFTENING (HARDNESS REMOVAL)
9	02270	FENTON	GW	LIME - SODA ASH ADDITION	SOFTENING (HARDNESS REMOVAL)
10	02310	FLINT	SW	LIME - SODA ASH ADDITION	SOFTENING (HARDNESS REMOVAL)
11	03250	HOWELL	GW	LIME - SODA ASH ADDITION	SOFTENING (HARDNESS REMOVAL)
12	03470	JACKSON	GU	LIME - SODA ASH ADDITION	SOFTENING (HARDNESS REMOVAL)
13	03760	LANSING BOARD OF WATER & LIGHT	GW	LIME - SODA ASH ADDITION	SOFTENING (HARDNESS REMOVAL)
14	03950	LOWELL	GW	LIME - SODA ASH ADDITION	SOFTENING (HARDNESS REMOVAL)
15	04098	MHOG SEWER & WATER AUTHORITY	GW	LIME - SODA ASH ADDITION	SOFTENING (HARDNESS REMOVAL)
16	04530	MOUNT PLEASANT	GU	LIME - SODA ASH ADDITION	SOFTENING (HARDNESS REMOVAL)
17	05120	OWOSSO	GW	LIME - SODA ASH ADDITION	SOFTENING (HARDNESS REMOVAL)
18	05370	PLAINFIELD TOWNSHIP	GU	LIME - SODA ASH ADDITION	SOFTENING (HARDNESS REMOVAL)
19	05950	SAULT STE MARIE	SW	LIME - SODA ASH ADDITION	DISINFECTION BY-PRODUCTS CONTR

	F
1	
2	Lime sludge disposal method
3	sludge is dried in onsite lagoons, excavated and land applied. Decant water sent to sw w/NDPES permit
4	sludge is dried in onsite lagoons, excavated and land applied
5	has off-site sludge lagoons located south of the city
6	sludge is sent to thickener, pressed into a cake and land applied
7	decant water is recycled to head of plant; sludge is dried in onsite, lined lagoons and periodically excavated
8	decant water is recycled to head of plant; sludge is dried in onsite lined lagoons and periodically excavated
9	sludge is dried in onsite lagoons and periodically excavated
10	standby plant, currently doesn't soften during trial runs
11	sludge goes to onsite lagoons, periodically removed and land applied
12	sludge is dried in onsite lagoons and periodically excavated
13	dewatered onsite with plate/cake press, then land applied
14	sludge is dried in onsite lagoons and periodically excavated
15	sludge goes to onsite lagoons, periodically removed and land applied
16	decant water is recycled to head of plant; sludge is dried in onsite lagoons, excavated and land applied
17	sludge is dried in onsite lagoons and periodically excavated
18	to Coit Ave Pit
19	very small amounts of lime are fed after filters, no lime sludge is produced

From: Cook, Pat (DEQ)
Sent: Wednesday, June 25, 2014 1:08 PM
To: Prysby, Mike (DEQ)
Cc: Gotham, Daryl (DEQ);Busch, Stephen (DEQ);Bloemker, Jon (DEQ)
Subject: RE: Contract S-4002 100% and S-4003 90% Submittals - MDEQ comments

Hi Mike,

As I mentioned earlier today during our phone conversation, I have no objections with KWA wanting to use a more conservative leakage formula for the pipeline rather than what is in AWWA 604. If they want to hold their contractors to a higher criteria, I'm not going to stop 'em.

Regarding the welded joints, I don't think they need to included them in the formula as long as the welds are tested by some other acceptable means such as radiography, sonograms, or magnetic particle testing. Also, by not including the welded joints in the below formula, it will result in an even lower allowable leakage than if they used them.

pat

From: Prysby, Mike (DEQ)
Sent: Wednesday, June 25, 2014 8:33 AM
To: Cook, Pat (DEQ)
Cc: Gotham, Daryl (DEQ); Busch, Stephen (DEQ); Bloemker, Jon (DEQ)
Subject: FW: Contract S-4002 100% and S-4003 90% Submittals - MDEQ comments

Pat,

The leakage calculation has surfaced again with respect to the KWA pipeline project. Initially, Genesee County was agreeable to using the AWWA C-604 leakage formula; however, after making further calculations they feel that the formula which uses the number of joints (L (g/hr) = JD sqrtP/7400) is far more conservative than the allowable leaking from C-604 and they wish to hold their contractors to that. On the surface, the joint formula appears more conservative; however, they base it on the assumption that the welded joints do not count. If we include all of the welded joints, the allowable leakage is rather close between each formula – depending on pipe length. I will verify the allowable leakage based on actual pipe length and all joints (welded and appurtenances) for comparison. Daryl and I would like to confirm the validity of their assumption.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

From: Matt Raysin [mailto:M_RAYSIN@gcdcwws.com]
Sent: Tuesday, June 24, 2014 6:05 PM
To: Gotham, Daryl (DEQ); Prysby, Mike (DEQ)

Cc: Bloemker, Jon (DEQ); Busch, Stephen (DEQ); Osborn, Larry (LOSBORN@wadetrim.com); John O'Malia; Elgar Brown (cbrownbear@broadstripe.net); Mike Winegard; Ed Tharp (Ed.Tharp@aecom.com)
Subject: RE: Contract S-4002 100% and S-4003 90% Submttals - MDEQ comments

I would like to revisit the conversation this morning regarding the pressure test. The new leakage method based on AWWA 604-11 the 66" pipe would allow 55 gal/mile leakage in a 2 hour period. The current specified method in section 02315 would allow roughly 0.2 gal/mile leakage in a 2 hour period depending on the pressure (150 to 350 psi) and the(J) number of joints 1 per mile to 12 per mile (welded joints do not count so only the valves count on the 66" line, but if you count the hydrants, and air release valves, which are not normally counted, it could be 6-12 per mile depending on the section). Note that you would have to have about 165 joints per mile (an average of 1 joint every 32 feet) @ 350 psi to equal the 55 gal per 2 hours allowed by the new formula. For 150 psi, it would have to have the equivalent of 252 joints per mile to get the 55 gal leakage in 2 hours that is allowed by the new method. The current specification indicates to test at the pressure equal to the pressure class listed on the drawings, where the new version would say test at no more than 125% of the working pressured. The working pressure is not defined anywhere so is that the pressure class of the pipe, or the pressure within the pipe that is expected during operation?

The 60" would be somewhat similar to the 66", except the pressures would be lower on the 60" pipe.

With that being said will the MDEQ allow the current specifications to remain or do we need to still reference AWWA 604-11 for testing even though the allowable leakage is well above what we are allowing.

From: Gotham, Daryl (DEQ) [mailto:GOTHAMD@michigan.gov]
Sent: Thursday, June 19, 2014 3:34 PM
To: Prysby, Mike (DEQ); Osborn, Larry (LOSBORN@wadetrim.com); John O'Malia; Elgar Brown (cbrownbear@broadstripe.net); Matt Raysin
Cc: Bloemker, Jon (DEQ); Busch, Stephen (DEQ)
Subject: Contract S-4002 100% and S-4003 90% Submttals - MDEQ comments

We've completed the review of both projects and the only significant issues that resulted were the Leakage Test formulas that Mike Prysby identified in his review of S-4005. When the corrected specs are received, I am prepared to issue the permit for S-4002. If I have them by early afternoon on Monday, June 23rd, I can bring the permitted plans and specifications to the June 24th meeting. I'm willing to replace the corrected section of the spec into the previously submitted specs if that is easier. Emailing them to me would be fine.

Thanks,

Daryl J. Gotham, P.E.
Michigan Department of Environmental Quality
Office of Drinking Water & Municipal Assistance
Saginaw-Bay District Office
401 Ketchum Street, Suite B
Bay City, MI 48708
989-450-8146 (Phone)
989-891-9213 (Fax)

From: Busch, Stephen (DEQ)
Sent: Monday, March 17, 2014 10:53 AM
To: Brim, Richard (DEQ)
Cc: Shekter Smith, Liane (DEQ);Craig, John (DEQ)
Subject: RE: Bray road consent order

Rich,

In response to Mr. Robinson's request to copy language from the Statement of Purpose and create a Section 3.13 in the Compliance Program, I have drafted the following language:

3.13
Public improvement projects under Act 399 required to be completed by the Respondent to receive water from KWA, continue to use the Flint River, or obtain a back-up water supply in order to comply with Act 399, shall not initiate construction, alteration, addition or improvement until the Respondent has obtained a valid construction permit(s) from the ODWMA issued under Section 4 of Act 399.

Copying the language word for word would not appear to comply with compliance program requirements, so I have attempted to restate the language in a manner that may fit within the compliance program structure. This draft language should also relieve OWMRP from any implied authority under Act 399, by directing the respondent to ODWMA for Act 399 compliance.

Hope that works.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: Busch, Stephen (DEQ)
Sent: Friday, March 14, 2014 12:43 PM
To: Arduin, Jim (DEQ)
Cc: Brim, Richard (DEQ)
Subject: RE: Bray road consent order

He doesn't appear to understand the difference between WRD and OWMRP.

I don't see a need to make any of the modifications, other than modified dates. I also wouldn't move the DW stuff in the Statement of Purpose to a new 3.13.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: Arduin, Jim (DEQ)
Sent: Friday, March 14, 2014 11:06 AM
To: Busch, Stephen (DEQ)
Subject: FW: Bray road consent order

Steve,

You may want to look at the Statement of Purpose section to see if you can live with Mike's proposed changes.

Jim

James Arduin
Senior Geologist
Michigan Department of Environmental Quality
Office of Waste Management and Radiological Protection
(517) 284-6652

From: Robinson, Michael [mailto:MRobinson@wnj.com]
Sent: Friday, March 14, 2014 8:28 AM
To: Arduin, Jim (DEQ); Brim, Richard (DEQ)
Subject: Bray road consent order

Here is the draft consent order with the City's comments. Jim, I will call you in about 20 minutes. You should focus on Sections 1-3.

From: Prysby, Mike (DEQ)
Sent: Thursday, April 24, 2014 11:03 AM
To: Busch, Stephen (DEQ)
Subject: Flint WTP update

Steve,

Just a quick update on the Flint WTP operation. WTP operators started intermediate chlorination last night around 11pm and a residual of 1.6 ppm (free) is being measured at the bottom of each filter today. Filter effluent turbidities are between 0.03 and 0.04 NTUs and finished water hardness is around 160 ppm (raw water hardness is in the 210 to 220 range). The solids contact units are having bit more carry-over to the filters than desired, but maintaining blanket. WTP staff will investigate different polymers to improve softening performance. Filter bacteriological samples were collected earlier and the results will be available on time for tomorrow's switch-over.

*** Just received notice that the "switch-over ceremony" is now scheduled for 2pm, not 12-noon. The mayor is not available at 12 noon. I will plan to arrive at the WTP around 1:30 to 145ish.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

Message

From: Prysby, Mike (DEQ) [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5DB07892EAA740C09ADBB62A79ADD8F4-PRYSBY MIKE]
Sent: 5/28/2014 8:11:54 PM
To: Busch, Stephen (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd27547c9c1a403a86507dc7f5702eba-Busch Stephen]
Subject: FW: Flint

Steve,

Some more info for me to follow-up on regarding Flint.

Michael Prysby, P.E.

District Engineer

Office of Drinking Water and Municipal Assistance

517 290-8817

From: Crooks, Jennifer [mailto:crooks.jennifer@epa.gov]
Sent: Wednesday, May 28, 2014 4:03 PM
To: Prysby, Mike (DEQ)
Cc: Poy, Thomas
Subject: Flint

Thank you again, Mike, for talking to me about the Flint water issue. I really like your idea of encouraging the City to do some customer service with the citizens that are complaining about the water. Flushing their line and/or taking a sample at the citizen's house might go a long way to calming people down.

I was also thinking about you doing a chain of custody sample at the plant. I know you trust Brent the operator; but this could be another response to customer complaints to instill trust in the water department. It wouldn't have to be compliance sampling; a special purpose sample perhaps.

Something else I thought of—Ohio is having issues of blue-green algae/cyanotoxins in some of its surface waters, which are related to taste and odor, and can cause rashes; pretty nasty stuff. Don Moore said that the Flint River does have a lot of algae growing on it. See the email below, with some websites on the issue of cyanotoxins in drinking water

The person at Ohio EPA that has dealt with blue-green algae/cyanotoxins in drinking water is Heather Raymond. She might be a good resource to discuss whether it would be worth sampling and analyzing for cyanotoxins in the Flint finished water.

FYI, Don Moore said he was organizing a protest picket line in his neighborhood at the water treatment plant.

Jennifer

From: Drake, Wendy
Sent: Wednesday, May 28, 2014 2:39 PM
To: Crooks, Jennifer
Subject: HABs info

Hi, Jennifer.

Here are a few HABs websites. Both Ohio and Illinois have taken samples at systems and sources where problems have been reported, and I'm not sure about the other states.

U.S. EPA cyanobacterial HABs website: http://www2.epa.gov/nutrient-policy-data/cyanobacterial-harmful-algal-blooms-cyanohabs; Lesley D'Anglada from the EPA Office of Water's Office of Science and Technology also sends out HABs news updates that people can sign up for by contacting her (see forwarded e-mail below)

Ohio EPA's HABs—information for PWSs website: http://epa.ohio.gov/ddagw/HAB.aspx; Ohio EPA has a PWS HAB response strategy (http://epa.ohio.gov/Portals/28/documents/HABs/PWSHABResponseStrategy.pdf) in which they list Heather Raymond as the PWS HAB Coordinator—her contact information is heather.raymond@epa.ohio.gov and (614) 644-2911. Ohio has experienced the most problems in our region.

Illinois EPA's HABs and algal toxins website: http://epa.state.il.us/water/algal-bloom/index.html; Illinois just launched this program last summer

IDEM's blue-green algae website: http://www.in.gov/idem/algae/

MDH's blue-green algal blooms and microcystin website:
http://www.health.state.mn.us/divs/eh/hazardous/topics/bluegreenalgae.html

WDNR's blue-green algae website: http://dnr.wi.gov/lakes/bluegreenalgae/?a=1

Please let me know if you have any questions.

Wendy

Wendy Drake | U.S. EPA, Region 5, Water Division, Ground Water and Drinking Water Branch

77 West Jackson Boulevard, WG-15J | Chicago, IL 60604 | 312-886-6705 | drake.wendy@epa.gov

From: DAnglada, Lesley
Sent: Tuesday, May 27, 2014 5:48 AM
To: DAnglada, Lesley
Subject: HABs News - May 2014

News

EPA's Webinar: Prevention, Control and Mitigation of Cyanobacteria and Cyanotoxins
EPA's Office of Science and Technology conducted a webinar on Wednesday, May 14th, on the Prevention, Control and Mitigation of cyanobacteria and cyanotoxins. The presentations are posted on the Control and Treatment tab at the CyanoHABs web page: http://www2.epa.gov/nutrient-policy-data/cyanobacterial-harmful-algal-blooms-cyanohabs and the audio recording is available here: https://epa.connectsolutions.com/p17loeiigbi/

House Science Panel OKs Bill to Enhance Research, Control Efforts for Algae Blooms

A House committee approved by voice vote May 21 the *Harmful Algal Bloom and Hypoxia Research and Control Amendments Act* (S. 1254) to authorize a national strategy of research, mitigation and control for algal blooms that kill fish and shellfish by depleting oxygen in marine and freshwater bodies. The bill was approved by the Senate in February. It still must make it through the House Natural Resources Committee before it can go to the full House.
http://news.bna.com/deln/DELNWB/split_display.adp?fedfid=47002944&vname=dennotallissues&jd=a0f0u7h9x7&split=0

Taking the fight to Lake Erie algal blooms before they reach Western New York

Government officials and environmentalists in Buffalo aim at stopping toxic blue-green algae in Lake Erie before it reaches Western New York. They called for a two-pronged federal approach involving the U.S. Environmental Protection Agency and U.S. Department of Agriculture.

http://www.buffalonews.com/city-region/environment/taking-the-fight-to-lake-erie-algal-blooms-before-they-reach-western-new-york-20140505

Sea Otter's Scourge

Microcystin stalks marine mammals off the coast of California and kills dogs and cats further inland.

http://www.the-scientist.com/?articles.view/articleNo/39864/title/Sea-Otter-s-Scourge/

Climate change brings mostly bad news for Ohio

Scientists delivered a mostly negative forecast for how climate change will affect Ohioans during the next year or so, and well beyond
http://phys.org/news/2014-05-climate-bad-news-ohio.html

Blue-green algae in Kansas water

Warnings and Advisories in place from the previous sampling season.

http://kansasfirstnews.com/2014/05/22/blue-green-algae-in-kansas-water/

New Research

Land use patterns, ecoregion, and microcystin relationships in U.S. lakes and reservoirs: A preliminary evaluation (attached)

John R. Beaver, Erin E. Manis, Keith A. Loftin, Jennifer L. Graham, Amina I. Pollard, and Richard M. Mitchell

Harmful Algae, Volume 36, June 2014, Pages 57-62, ISSN 1568-9883

http://www.sciencedirect.com/science/article/pii/S1568988314000444

Survival, growth and toxicity of Microcystis aeruginosa PCC 7806 in experimental conditions mimicking some features of the human gastro-intestinal environment

Mara Stefanelli, Susanna Vichi, Giuseppe Stipa, Enzo Funari, Emanuela Testai, Simona Scardala, Maura Manganelli, Chemico-Biological Interactions, Volume 215, 25 May 2014, Pages 54-61, ISSN 0009-2797

http://www.sciencedirect.com/science/article/pii/S0009279714000830

Rapid quantitative analysis of microcystins in raw surface waters with MALDI MS utilizing easily synthesized internal standards

Amber F. Roegner, Macarena Pírez Schirmer, Birgit Puschner, Beatriz Brena, Gualberto Gonzalez-Sapienza, Toxicon, Volume 78, February 2014, Pages 94-102, ISSN 0041-0101

http://www.sciencedirect.com/science/article/pii/S0041010113004637

Cyanotoxin occurrence and potentially toxin producing cyanobacteria in freshwaters of Greece: A multi-disciplinary approach

Spyros Gkelis, Nikos Zaoutsos, Toxicon, Volume 78, February 2014, Pages 1-9, ISSN 0041-0101

http://www.sciencedirect.com/science/article/pii/S0041010113004388

Investigating the production and release of cylindrospermopsin and deoxy-cylindrospermopsin by Cylindrospermopsis raciborskii over a natural growth cycle

Timothy W. Davis, Philip T. Orr, Gregory L. Boyer, Michele A. Burford, Harmful Algae, Volume 31, January 2014, Pages 18-25, ISSN 1568-9883

http://www.sciencedirect.com/science/article/pii/S1568988313001364

Status, causes and controls of cyanobacterial blooms in Lake Erie

Morgan M. Steffen, B. Shafer Belisle, Sue B. Watson, Gregory L. Boyer, Steven W. Wilhelm, Journal of Great Lakes Research, Available online 25 January 2014, ISSN 0380-1330

http://www.sciencedirect.com/science/article/pii/S0380133013001913

Cylindrospermopsis raciborskii dominates under very low and high nitrogen-to-phosphorus ratios

Michael F. Chislock, Katherine L. Sharp, Alan E. Wilson, Water Research, Volume 49, 1 February 2014, Pages 207-214, ISSN 0043-1354, http://www.sciencedirect.com/science/article/pii/S0043135413009330

Acute, chronic and reproductive toxicity of complex cyanobacterial blooms in Daphnia magna and the role of microcystins

Marie Smutná, Pavel Babica, Sergio Jarque, Klára Hilscherová, Blahoslav Maršálek, Maher Haeba, Ludek Bláha, Toxicon, Volume 79, 1 March 2014, Pages 11-18, ISSN 0041-0101

http://www.sciencedirect.com/science/article/pii/S0041010113004650

A nanosensor based on quantum-dot haptens for rapid, on-site immunoassay of cyanotoxin in environmental water

Long Feng, Anna Zhu, Hongchen Wang, Hanchang Shi, Biosensors and Bioelectronics, Volume 53, 15 March 2014, Pages 1-4, ISSN 0956-5663, http://www.sciencedirect.com/science/article/pii/S0956566313006362

Inductive reasoning and forecasting of population dynamics of Cylindrospermopsis raciborskii in three sub-tropical reservoirs by evolutionary computation

Friedrich Recknagel, Philip T. Orr, Hongqing Cao, Harmful Algae, Volume 31, January 2014, Pages 26-34, ISSN 1568-9883,

http://www.sciencedirect.com/science/article/pii/S1568988313001339

For more information please visit the Cyanobacterial HABs website at **http://www2.epa.gov/nutrient-policy-data/cyanobacterial-harmful-algal-blooms-cyanohabs**

Lesley V. D'Anglada, Dr.PH, MEH
U.S. Environmental Protection Agency
Office of Science and Technology, Office of Water
1200 Pennsylvania Ave., N.W. (MC 4304T)
Washington, DC 20460
Phone: 202-566-1125

Fax: 202-566-1140

From: Hansen, Jeff <jrhansen@lan-inc.com>
Sent: Friday, February 27, 2015 2:34 PM
To: Busch, Stephen (DEQ)
Cc: Prysby, Mike (DEQ)
Subject: FW: DEQ-Laboratory Report-50201563
Attachments: 50201563-03.PDF; DBP results & other investigation.xlsx

Steve,

Thanks for the table. Flint passed the info on to me earlier today.

I see a discrepancy between your table and Flint's records and we have used Flint's data in the report. I have double checked the lab results and I believe the error is on your end, but that is something to resolve. I've attached what I believe is correct. We have already printed and sent out the report since it is due to you guys Sunday. Samir is hand delivering and will probably be by soon.

Jeffrey R. Hansen
Senior Project Manager

Lockwood, Andrews & Newnam, Inc.
A LEO A DALY COMPANY
1311 South Linden Road, Suite B • Flint, MI 48532
T 810.820.2682 **C** 810.333.3201
www.lan-inc.com • JRHansen@lan-inc.com

From: Brent Wright [mailto:bwright@cityofflint.com]
Sent: Friday, February 27, 2015 9:43 AM
To: Hansen, Jeff
Subject: Fwd: DEQ-Laboratory Report-50201563

---------- Forwarded message ----------
From: **Michael Glasgow** <mglasgow@cityofflint.com>
Date: Fri, Feb 27, 2015 at 8:09 AM
Subject: Fwd: DEQ-Laboratory Report-50201563
To: Brent Wright <bwright@cityofflint.com>

Here are the DBP results. Everything is great, but this still leaves us in violation at 3 sites, as shown in the other attachment.

---------- Forwarded message ----------
From: **DEQ-DWR-LABREPORTS** <DEQ-DWR-LABREPORTS2@michigan.gov>
Date: Thu, Feb 26, 2015 at 4:43 PM
Subject: DEQ-Laboratory Report-50201563
To: "MGLASGOW@CITYOFFLINT.COM" <MGLASGOW@cityofflint.com>

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

--
Brent Wright
Water Plant Supervisor
City of Flint
4500 N. Dort Hwy.
Flint, MI. 48505
Ph: 810.787.6537 ext. 3510
Fx: 810.787.3710

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54936

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	2501 FLUSHING RD,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP #5
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 11:50
Sample Point:	KITCHEN SINK	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0084	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0023	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0078	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0060	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0245	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54936

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54937

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	3606 CORUNNA RD,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 4
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 11:35
Sample Point:	BATHROOM	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0062	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0017	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0058	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0044	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0181	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54938

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	3216 MLK BLVD,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 6
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 12:15
Sample Point:	BATHROOM	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.002	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0093	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0026	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0075	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0091	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0285	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54939

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	822 S DORT HWY,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 2
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 10:55
Sample Point:	BATHROOM	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0066	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0020	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0065	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0048	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0199	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54940

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	3719 DAVISON RD,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 1
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 10:39
Sample Point:	KITCHEN	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0057	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0015	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0054	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0036	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0162	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54941

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	5018 CLIO RD,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 7
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 12:34
Sample Point:	BATHROOM SINK	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0066	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0018	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0060	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0048	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0192	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54942

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	6204 N SAGINAW ST,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 8
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 12:51
Sample Point:	BATHROOM SINK	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0049	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0014	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0048	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0038	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0149	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54943

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	3202 S DORT HWY,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 3
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 11:12
Sample Point:	KITCHEN	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0056	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0017	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0055	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0040	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0168	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

	A	B	C	D	E
1	DISINFECTION BY-PRODUCTS - DEQ Required Testing				
2	MCL for TTHM = 80 ug/L MCL for HAA5 = 60 ug/L				
3					
4		May-14		Aug-14	
5		TTHM	HAA5	TTHM	HAA5
6	Water Plant Tap	56	36	86	36
7		*Once Yearly (June 2014)		*Once Yearly (June 2014)	
8	Site # 1	162.4	64.0	145.3	43.0
9	Site # 2	111.6	52.0	112.0	40.0
10	Site # 3	96.5	48.0	127.2	31.0
11	Site # 4	106.4	55.0	181.3	24.0
12	Site # 5	75.1	38.0	196.2	11.0
13	Site # 6	82.2	41.0	112.4	25.0
14	Site # 7	88.2	49.0	144.4	30.0
15	Site # 8	79.2	50.0	118.3	37.0
16					
17					
18	DISINFECTION BY-PRODUCTS - Other TTHM Investigations				
19					
20		Jul-14	Aug-14	Nov-14	
21		TTHM	TTHM	TTHM	
22	Dort Reservoir	153.3	n/a	n/a	
23	Cedar Street Reservoir	n/a	163.3	35.2	
24	West Side Reservoir	n/a	134.4	43.9	
25					
26	In house investigation using Parker TTHM Analyzer provided by United Water Affiliate				
27					
28		10/16/2014	10/17/2014	10/21/2014	10/29/2014
29		TTHM	TTHM	TTHM	TTHM
30	3 MG Well (PS #4)	48.8	49.9	32.2	34.9
31	+ 1 hour	54.7	52.8	39.2	n/a
32	+ 48 hours	n/a	n/a	n/a	116.6
33	+ 170 hours	n/a	n/a	n/a	168.0

	F	G	H	I	J	K	L	M	N	O	P
1											
2											
3											
4	Nov-14		Feb-15			LRAA			MAX TTHM	MIN TTHM	
5	TTHM	HAA5	TTHM	HAA5		TTHM	HAA5				
6	**33**	36		36		58.3	36.0		86.0	33.0	
7	*Once Yearly (June 2014)		*Once Yearly (June 2014)			*Once Yearly (June 2014)					
8	58.6	16.0	16.2	9.0		95.6	33.0		162.4	16.2	
9	36.2	21.0	19.9	9.0		69.9	30.5		112.0	19.9	
10	33.3	15.0	16.8	9.0		68.5	25.8		127.2	16.8	
11	33.9	15.0	18.1	9.0		84.9	25.8		181.3	18.1	
12	93.6	24.0	24.5	9.0		97.4	20.5		196.2	24.5	
13	50.1	5.0	28.5	2.0		68.3	18.3		112.4	28.5	
14	53.6	17.0	19.2	9.0		76.4	26.3		144.4	19.2	
15	41.1	18.0	14.9	9.0		63.4	28.5		118.3	14.9	
16	***Sampled at end of Oct.**										
17											
18											
19											
20									Total Organic Carbon (mg/L)		
21										Raw	Final
22									May	10.30	4.57
23									June	9.00	3.63
24									July	8.44	2.67
25									August	8.48	4.06
26									Sept	7.36	3.30
27									Oct	7.38	2.99
28									Nov	7.27	3.86
29									Dec	6.49	2.59
30									Jan	7.62	3.21
31									Feb	5.95	2.07
32											
33											

From: DEQ-DWR-LABREPORTS
Sent: Monday, November 09, 2015 5:14 PM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51100001
Attachments: 51100001.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89553

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:30
Sample Point:	CF030	Date Received:	11/02/2015 06:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.45	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89554

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	12:30
Sample Point:	CF030	Date Received:	11/02/2015	06:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.37	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89555

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:30
Sample Point:	CF030	Date Received:	11/02/2015 06:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89556

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:30
Sample Point:	CF030	Date Received:	11/02/2015 06:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89557

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:30
Sample Point:	CF030	Date Received:	11/02/2015 06:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89558

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA6	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	12:30
Sample Point:	CF030	Date Received:	11/02/2015	06:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89559

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA7	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	12:30
Sample Point:	CF030	Date Received:	11/02/2015	06:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89560

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA8	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	12:30
Sample Point:	CF030	Date Received:	11/02/2015	06:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89561

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA9	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	12:30
Sample Point:	CF030	Date Received:	11/02/2015	06:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89562

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:30
Sample Point:	CF030	Date Received:	11/02/2015 06:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89563

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:45
Sample Point:	CF015	Date Received:	11/02/2015 06:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.40	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.062	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89564

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:45
Sample Point:	CF015	Date Received:	11/02/2015 06:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89565

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CB3	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	12:45
Sample Point:	CF015	Date Received:	11/02/2015	06:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89566

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CB4	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	12:45
Sample Point:	CF015	Date Received:	11/02/2015	06:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89567

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CB5	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	12:45
Sample Point:	CF015	Date Received:	11/02/2015	06:43
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89568

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CB6	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	12:45
Sample Point:	CF015	Date Received:	11/02/2015	06:43
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89569

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:45
Sample Point:	CF015	Date Received:	11/02/2015 06:43
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89570

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CB8	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	12:45
Sample Point:	CF015	Date Received:	11/02/2015	06:43
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89571

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CB9	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	12:45
Sample Point:	CF015	Date Received:	11/02/2015	06:43
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89572

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CB10	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	12:45
Sample Point:	CF015	Date Received:	11/02/2015	06:43
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89573

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:55
Sample Point:	CF027	Date Received:	11/02/2015 06:43
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF89574

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:55
Sample Point:	CF027	Date Received:	11/02/2015 06:43
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89575

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:55
Sample Point:	CF027	Date Received:	11/02/2015 06:43
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89576

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:55
Sample Point:	CF027	Date Received:	11/02/2015 06:43
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89577

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:55
Sample Point:	CF027	Date Received:	11/02/2015 06:43
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89578

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:55
Sample Point:	CF027	Date Received:	11/02/2015 06:43
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
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CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89579

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CC7	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	12:55
Sample Point:	CF027	Date Received:	11/02/2015	06:43
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89580

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:55
Sample Point:	CF027	Date Received:	11/02/2015 06:43
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89581

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:55
Sample Point:	CF027	Date Received:	11/02/2015 06:43
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89582

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:55
Sample Point:	CF027	Date Received:	11/02/2015 06:43
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: DEQ-DWR-LABREPORTS
Sent: Monday, November 09, 2015 5:14 PM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51100004
Attachments: 51100004.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

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FAX: (517) 335-8562

Sample Number
LF89583

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:06
Sample Point:	DW013-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89583 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.027	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89584

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:06
Sample Point:	DW013-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89584 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.015	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89585

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:06
Sample Point:	DW013-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89585 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89586

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:06
Sample Point:	DW013-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89586 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89587

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:48
Sample Point:	DW021-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89587 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.038	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89588

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:48
Sample Point:	DW021-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89588 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.027	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89589

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:48
Sample Point:	DW021-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89589 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89590

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	D02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:48
Sample Point:	DW021-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89590 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89591

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:00
Sample Point:	CF023-RM #7	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89591 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89592

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:00
Sample Point:	CF023-RM #7	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89592 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89593

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:00
Sample Point:	CF023-RM #7	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89593 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89594

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:00
Sample Point:	CF023-RM #7	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89594 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89595

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:10
Sample Point:	DW014-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89595 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.016	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89596

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:10
Sample Point:	DW014-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89596 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89597

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:10
Sample Point:	DW014-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89597 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89598

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:10
Sample Point:	DW014-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89598 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89599

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other	
Collected By:	TJD / GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	10:39
Sample Point:	KC019-RM #4	Date Received:	11/02/2015	07:01
Water System:	Other	Purpose:	Other	

Sample Comment LF89599 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.016	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89600

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:39
Sample Point:	KC019-RM #4	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89600 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.28	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Sample Number
LF89601

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:39
Sample Point:	KC019-RM #4	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89601 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89602

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:39
Sample Point:	KC019-RM #4	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89602 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89603

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:43
Sample Point:	DW020-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89603 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.033	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89604

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:43
Sample Point:	DW020-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89604 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.015	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89605

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:43
Sample Point:	DW020-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89605 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.020	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89606

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:43
Sample Point:	DW020-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89606 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89607

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other	
Collected By:	TJD / GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	08:35
Sample Point:	DW002-DRINKING FOUNTAIN	Date Received:	11/02/2015	07:01
Water System:	Other	Purpose:	Other	

Sample Comment LF89607 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89608

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other	
Collected By:	TJD / GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	08:35
Sample Point:	DW002-DRINKING FOUNTAIN	Date Received:	11/02/2015	07:01
Water System:	Other	Purpose:	Other	

Sample Comment LF89608 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89609

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other	
Collected By:	TJD / GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	08:35
Sample Point:	DW002-DRINKING FOUNTAIN	Date Received:	11/02/2015	07:01
Water System:	Other	Purpose:	Other	

Sample Comment LF89609 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89610

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other	
Collected By:	TJD / GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	08:35
Sample Point:	DW002-DRINKING FOUNTAIN	Date Received:	11/02/2015	07:01
Water System:	Other	Purpose:	Other	

Sample Comment LF89610 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89611

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:53
Sample Point:	CF022-RM #6	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89611 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89612

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:53
Sample Point:	CF022-RM #6	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89612 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89613

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:53
Sample Point:	CF022-RM #6	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89613 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89614

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:53
Sample Point:	CF022-RM #6	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89614 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89615

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other	
Collected By:	TJD / GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	09:15
Sample Point:	CF006-RM 26	Date Received:	11/02/2015	07:01
Water System:	Other	Purpose:	Other	

Sample Comment LF89615 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF89616

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:15
Sample Point:	CF006-RM 26	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89616 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF89617

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:15
Sample Point:	CF006-RM 26	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89617 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89618

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:15
Sample Point:	CF006-RM 26	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89618 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89619

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:00
Sample Point:	CF004 RM 17	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89619 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.056	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89620

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:00
Sample Point:	CF004-RM 17	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89620 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.029	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89621

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:00
Sample Point:	CF004-RM 17	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89621 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89622

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:00
Sample Point:	CF004-RM 17	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89622 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89623

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:20
Sample Point:	KC016-RM-#1	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89623 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89624

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:20
Sample Point:	KC016-RM-#1	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89624 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89625

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:20
Sample Point:	KC016-RM-#1	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89625 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89626

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:20
Sample Point:	KC016-RM-#1	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89626 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89627

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:27
Sample Point:	KC017-RM #2	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89627 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89628

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:27
Sample Point:	KC017-RM #2	Date Received:	11/02/2015 07:01
Water System:	Other	Purpose:	Other

Sample Comment LF89628 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89629

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:27
Sample Point:	KC017-RM #2	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89629 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89630

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:27
Sample Point:	KC017-RM #2	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89630 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89631

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:34
Sample Point:	CF018-RM #4	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89631 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF89632

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:34
Sample Point:	CF018-RM #4	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89632 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89633

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:34
Sample Point:	CF018-RM #4	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89633 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89634

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:34
Sample Point:	CF018-RM #4	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89634 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89635

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:15
Sample Point:	KC015-RM #1	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89635 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89636

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:15
Sample Point:	KC015-RM #1	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89636 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89637

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:15
Sample Point:	KC015-RM #1	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89637 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89638

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:15
Sample Point:	KC015-RM #1	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89638 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89639

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:05
Sample Point:	CF005-RM 17	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89639 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.031	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89640

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:05
Sample Point:	CF005-RM 17	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89640 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Sample Number
LF89641

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:05
Sample Point:	CF005-RM 17	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89641 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89642

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:05
Sample Point:	CF005-RM 17	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89642 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
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Sample Number
LF89643

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other	
Collected By:	TJD / GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	08:30
Sample Point:	DW001-DRINKING FOUNTAIN	Date Received:	11/02/2015	07:02
Water System:	Other	Purpose:	Other	

Sample Comment LF89643 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.064	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89644

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:30
Sample Point:	DW001-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89644 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89645

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:30
Sample Point:	DW001-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89645 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89646

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:30
Sample Point:	DW001-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89646 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89647

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other	
Collected By:	TJD / GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	09:35
Sample Point:	DW009-DRINKING FOUNTAIN	Date Received:	11/02/2015	07:02
Water System:	Other	Purpose:	Other	

Sample Comment LF89647 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.33	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.023	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89648

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other	
Collected By:	TJD / GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	09:35
Sample Point:	DW009-DRINKING FOUNTAIN	Date Received:	11/02/2015	07:02
Water System:	Other	Purpose:	Other	

Sample Comment LF89648 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89649

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:35
Sample Point:	DW009-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89649 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89650

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other	
Collected By:	TJD / GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/31/2015	09:35
Sample Point:	DW009-DRINKING FOUNTAIN	Date Received:	11/02/2015	07:02
Water System:	Other	Purpose:	Other	

Sample Comment LF89650 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89651

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:45
Sample Point:	CF010-RM 27	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89651 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.025	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89652

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:45
Sample Point:	CF010-RM 27	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89652 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.034	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89653

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:45
Sample Point:	CF010-RM 27	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89653 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Sample Number
LF89654

Official Laboratory Report

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525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:45
Sample Point:	CF010-RM 27	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89654 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89655

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:25
Sample Point:	CF007-RM 26	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89655 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	2.04	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.164	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89656

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:25
Sample Point:	CF007-RM 26	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89656 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.74	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.166	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89657

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:25
Sample Point:	CF007-RM 26	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89657 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.78	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.015	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89658

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:25
Sample Point:	CF007-RM 26	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89658 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89659

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:45
Sample Point:	CF003-RM 15	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89659 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89660

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:45
Sample Point:	CF003 RM 15	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89660 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89661

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:45
Sample Point:	CF003-RM 15	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89661 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89662

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:45
Sample Point:	CF003-RM 15	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89662 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89663

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:00
Sample Point:	CF012	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89663 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
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Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89664

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:00
Sample Point:	CF012	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89664 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89665

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:00
Sample Point:	CF012	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89665 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89666

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:00
Sample Point:	CF012	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment **LF89666** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89667

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:53
Sample Point:	WC011-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89667 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.56	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89668

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:53
Sample Point:	WC011-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89668 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.67	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89669

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:53
Sample Point:	WC011-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89669 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.39	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89670

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:53
Sample Point:	WC011-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89670 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89671

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other	
Collected By:	TJD / GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	09:30
Sample Point:	DW008-DRINKING FOUNTAIN	Date Received:	11/02/2015	07:02
Water System:	Other	Purpose:	Other	

Sample Comment LF89671 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.42	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.046	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89672

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other	
Collected By:	TJD / GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	09:30
Sample Point:	DW008-DRINKING FOUNTAIN	Date Received:	11/02/2015	07:02
Water System:	Other	Purpose:	Other	

Sample Comment LF89672 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89673

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:30
Sample Point:	DW008-DRINKING FOUNTAIN	Date Received:	11/02/2015 07:02
Water System:	Other	Purpose:	Other

Sample Comment LF89673 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89674

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other	
Collected By:	TJD / GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	09:30
Sample Point:	DW008-DRINKING FOUNTAIN	Date Received:	11/02/2015	07:02
Water System:	Other	Purpose:	Other	

Sample Comment LF89674 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: DEQ-DWR-LABREPORTS
Sent: Monday, November 09, 2015 5:15 PM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51100005
Attachments: 51100005.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89675

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:45
Sample Point:	CF023	Date Received:	11/02/2015 07:18
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89676

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:30
Sample Point:	CF012	Date Received:	11/02/2015 07:18
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89677

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:15
Sample Point:	CF004 - RM #17	Date Received:	11/02/2015 07:18
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89678

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:30
Sample Point:	CF012	Date Received:	11/02/2015 07:18
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89679

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:30
Sample Point:	CF012	Date Received:	11/02/2015 07:18
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89680

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:15
Sample Point:	CF004 - RM #17	Date Received:	11/02/2015 07:18
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89681

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:30
Sample Point:	CF012	Date Received:	11/02/2015 07:18
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89682

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:45
Sample Point:	CF023	Date Received:	11/02/2015 07:18
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89683

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:30
Sample Point:	CF012	Date Received:	11/02/2015 07:18
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89684

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:45
Sample Point:	CF023	Date Received:	11/02/2015 07:18
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89685

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:45
Sample Point:	CF023	Date Received:	11/02/2015 07:18
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89686

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:30
Sample Point:	CF012	Date Received:	11/02/2015 07:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89687

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:15
Sample Point:	CF004 - RM #17	Date Received:	11/02/2015 07:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89688

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:15
Sample Point:	CF004 - RM #17	Date Received:	11/02/2015 07:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89689

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:30
Sample Point:	CF012	Date Received:	11/02/2015 07:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89690

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:45
Sample Point:	CF023	Date Received:	11/02/2015 07:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89691

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:15
Sample Point:	CF004 - RM #17	Date Received:	11/02/2015 07:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89692

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:30
Sample Point:	CF012	Date Received:	11/02/2015 07:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89693

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:15
Sample Point:	CF004 - RM #17	Date Received:	11/02/2015 07:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89694

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	11:15
Sample Point:	CF004 - RM #17	Date Received:	11/02/2015	07:19
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89695

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:30
Sample Point:	CF012 -	Date Received:	11/02/2015 07:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89696

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CB6	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	11:30
Sample Point:	CF012	Date Received:	11/02/2015	07:19
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89697

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:45
Sample Point:	CF023	Date Received:	11/02/2015 07:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
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Sample Number
LF89698

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:45
Sample Point:	CF023	Date Received:	11/02/2015 07:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89699

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA9	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	11:15
Sample Point:	CF004 - RM #17	Date Received:	11/02/2015	07:19
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89700

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:15
Sample Point:	CF004 - RM #17	Date Received:	11/02/2015 07:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89701

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:45
Sample Point:	CF023	Date Received:	11/02/2015 07:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89702

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:15
Sample Point:	CF004 - RM #17	Date Received:	11/02/2015 07:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89703

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:45
Sample Point:	CF023	Date Received:	11/02/2015 07:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89704

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	BROWNELL K-2 STEM ACADEMY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:45
Sample Point:	CF023	Date Received:	11/02/2015 07:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: DEQ-DWR-LABREPORTS
Sent: Monday, November 09, 2015 5:15 PM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51100006
Attachments: 51100006.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89705

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:15
Sample Point:	01CF014 RM104	Date Received:	11/02/2015 07:43
Water System:	Other	Purpose:	Other

Sample Comment LF89705 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.036	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89706

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	12:15
Sample Point:	01CF014 RM104	Date Received:	11/02/2015	07:43
Water System:	Other	Purpose:	Other	

Sample Comment LF89706 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.036	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89707

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:15
Sample Point:	01CF014 RM104	Date Received:	11/02/2015 07:43
Water System:	Other	Purpose:	Other

Sample Comment LF89707 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89708

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:15
Sample Point:	01CF014 RM 104	Date Received:	11/02/2015 07:43
Water System:	Other	Purpose:	Other

Sample Comment LF89708 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89709

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P-1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:35
Sample Point:	02CF021 RM201	Date Received:	11/02/2015 07:43
Water System:	Other	Purpose:	Other

Sample Comment LF89709 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89710

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:35
Sample Point:	02CF021 RM201	Date Received:	11/02/2015 07:43
Water System:	Other	Purpose:	Other

Sample Comment LF89710 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89711

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:35
Sample Point:	02CF021 RM201	Date Received:	11/02/2015 07:43
Water System:	Other	Purpose:	Other

Sample Comment LF89711 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89712

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:35
Sample Point:	02CF021 RM201	Date Received:	11/02/2015 07:43
Water System:	Other	Purpose:	Other

Sample Comment LF89712 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89713

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:45
Sample Point:	02DW023 RM202	Date Received:	11/02/2015 07:43
Water System:	Other	Purpose:	Other

Sample Comment LF89713 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89714

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:45
Sample Point:	02DW023 RM202	Date Received:	11/02/2015 07:43
Water System:	Other	Purpose:	Other

Sample Comment LF89714 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89715

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:45
Sample Point:	02DW023 RM202	Date Received:	11/02/2015 07:43
Water System:	Other	Purpose:	Other

Sample Comment LF89715 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89716

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:45
Sample Point:	02DW023 RM202	Date Received:	11/02/2015 07:43
Water System:	Other	Purpose:	Other

Sample Comment LF89716 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89717

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:10
Sample Point:	01CF010RM102	Date Received:	11/02/2015 07:43
Water System:	Other	Purpose:	Other

Sample Comment LF89717 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89718

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/LOIS GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:10
Sample Point:	01CF010RM102	Date Received:	11/02/2015 07:43
Water System:	Other	Purpose:	Other

Sample Comment LF89718 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89719

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:10
Sample Point:	01CF010RM102	Date Received:	11/02/2015 07:43
Water System:	Other	Purpose:	Other

Sample Comment LF89719 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89720

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:10
Sample Point:	01CF010RM102	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89720 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89721

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:15
Sample Point:	01DW013 RM104	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89721 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.043	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89722

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:16
Sample Point:	01DW013 RM104	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89722 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.24	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.106	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89723

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:15
Sample Point:	01DW013 RM104	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89723 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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AL : Action Level
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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89724

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:15
Sample Point:	01DW013 - RM104	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89724 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89725

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:35
Sample Point:	02DW020 RM201	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89725 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.037	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89726

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:35
Sample Point:	02DW020 RM201	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89726 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.024	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89727

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:35
Sample Point:	02DW020 RM201	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89727 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

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ppm : parts per million
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Laboratory Contacts
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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89728

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:35
Sample Point:	02DW020 RM201	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89728 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89729

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	12:10
Sample Point:	01CF012 RM103	Date Received:	11/02/2015	07:44
Water System:	Other	Purpose:	Other	

Sample Comment LF89729 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89730

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:10
Sample Point:	01CF012 RM103	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89730 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89731

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	12:10
Sample Point:	01CF012 RM103	Date Received:	11/02/2015	07:44
Water System:	Other	Purpose:	Other	

Sample Comment LF89731 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89732

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:10
Sample Point:	01CF012 RM103	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89732 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89733

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	PRYSBY M/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:10
Sample Point:	01DW009 RM102	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89733 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89734

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:10
Sample Point:	01DW009 RM102	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89734 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
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Flint, MI 48502-1540
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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89735

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:10
Sample Point:	01DW009 RM102	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89735 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89736

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:11
Sample Point:	01DW009 RM102	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89736 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89737

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:10
Sample Point:	01DW011 RM103	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89737 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89738

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:10
Sample Point:	01DW0I1 RM103	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89738 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89739

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:10
Sample Point:	01DW011 RM103	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89739 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89740

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:10
Sample Point:	01DW011 RM103	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89740 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89741

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P-1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:45
Sample Point:	02CF022 RM202	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89741 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89742

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:45
Sample Point:	O2CF022 - RM202	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89742 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.024	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89743

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:45
Sample Point:	02CF022 - RM202	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89743 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.30	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89744

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:45
Sample Point:	02CF022 - RM202	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89744 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89745

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:00
Sample Point:	01CF008 RM101	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89745 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89746

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:00
Sample Point:	01CF008 - RM101	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89746 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89747

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:00
Sample Point:	01CF008 RM101	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89747 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89748

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:00
Sample Point:	01CF008 - RM101	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89748 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89749

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:00
Sample Point:	01DW007 RM101	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89749 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89750

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:00
Sample Point:	01DW007 RM101	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89750 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89751

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:00
Sample Point:	01DW007 RM101	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89751 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89752

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 11:00
Sample Point:	01DW007 RM101	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89752 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89753

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	09:55
Sample Point:	01DW001 GYM	Date Received:	11/02/2015	07:44
Water System:	Other	Purpose:	Other	

Sample Comment LF89753 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.032	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89754

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:55
Sample Point:	01DW001 GYM	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89754 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89755

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:55
Sample Point:	01DW001 GYM	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89755 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89756

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:55
Sample Point:	01DW001 GYM	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89756 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89757

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:25
Sample Point:	01CF004 ROIOM 109	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89757 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89758

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:25
Sample Point:	01CF004 ROOM109	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89758 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89759

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	10:25
Sample Point:	01CF004 ROOM109	Date Received:	11/02/2015	07:44
Water System:	Other	Purpose:	Other	

Sample Comment LF89759 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89760

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:25
Sample Point:	01CF004 ROOM109	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89760 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89761

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	PRYSBY M/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:25
Sample Point:	01DW003 ROOM109	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89761 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89762

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	10:25
Sample Point:	01DW003 ROOM109	Date Received:	11/02/2015	07:44
Water System:	Other	Purpose:	Other	

Sample Comment LF89762 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89763

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:25
Sample Point:	01DW003 ROOM109	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89763 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89764

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:25
Sample Point:	01DW003 ROOM109	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89764 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89765

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:45
Sample Point:	01CF006 CLINIC	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89765 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89766

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:45
Sample Point:	01CF006 CLINIC	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89766 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89767

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:45
Sample Point:	01CF006 CLINIC	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89767 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89768

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:45
Sample Point:	01CF006 CLINIC	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89768 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89769

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:25
Sample Point:	04KC043 UNIT2	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89769 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.48	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89770

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:25
Sample Point:	04KC043 UNIT2	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89770 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.72	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89771

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:25
Sample Point:	04KC043 UNIT 2	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89771 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.65	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89772

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:25
Sample Point:	04KC043-UNIT 2	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89772 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.04	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89773

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	09:20
Sample Point:	03DW039 - UNIT 1	Date Received:	11/02/2015	07:44
Water System:	Other	Purpose:	Other	

Sample Comment LF89773 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.08	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89774

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:20
Sample Point:	03DW039 - UNIT 1	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89774 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.03	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89775

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	08:20
Sample Point:	03DW039 - UNIT 1	Date Received:	11/02/2015	07:44
Water System:	Other	Purpose:	Other	

Sample Comment LF89775 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.04	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89776

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:20
Sample Point:	03DW039 - UNIT 1	Date Received:	11/02/2015 07:44
Water System:	Other	Purpose:	Other

Sample Comment LF89776 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.65	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89777

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	10:15
Sample Point:	01KC005 - COMMUNITY ROOM	Date Received:	11/02/2015	07:44
Water System:	Other	Purpose:	Other	

Sample Comment LF89777 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89778

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:15
Sample Point:	01KC005 COMMUNITY	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89778 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89779

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:15
Sample Point:	01KC005 COMMUNITY	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89779 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89780

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	L GRAHAM/M PRYSBY	Site Code:	F-02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	10:15
Sample Point:	01KC005 COMMUNITY	Date Received:	11/02/2015	07:45
Water System:	Other	Purpose:	Other	

Sample Comment LF89780 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89781

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:05
Sample Point:	01WC002 HALL	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89781 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.28	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89782

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:05
Sample Point:	01WC002 HALL	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89782 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.33	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89783

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:05
Sample Point:	01WC002 HALL	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89783 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.26	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89784

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 10:05
Sample Point:	01 WC002 HALL	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89784 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89785

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	MIKE PRYSBY/LOIS GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	08:20
Sample Point:	03KC041- UNIT 1	Date Received:	11/02/2015	07:45
Water System:	Other	Purpose:	Other	

Sample Comment LF89785 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.33	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89786

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	MIKE PRYSBY/LOIS GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	08:20
Sample Point:	03KC041 - UNIT1	Date Received:	11/02/2015	07:45
Water System:	Other	Purpose:	Other	

Sample Comment LF89786 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.84	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89787

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	MIKE PRYSBY/LOIS GRAHAM	Site Code:	F-01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	08:20
Sample Point:	03KC041-UNIT1	Date Received:	11/02/2015	07:45
Water System:	Other	Purpose:	Other	

Sample Comment LF89787 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.07	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89788

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/LOIS GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:20
Sample Point:	03KC041 - UNIT1	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89788 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.12	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89789

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:20
Sample Point:	03DW38 - UNIT1	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89789 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	2.77	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89790

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:20
Sample Point:	03DW038 - UNIT 1	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89790 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.37	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89791

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:20
Sample Point:	03DW038 - UNIT 1	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89791 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.20	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89792

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	08:20
Sample Point:	03DW038 UNIT1	Date Received:	11/02/2015	07:45
Water System:	Other	Purpose:	Other	

Sample Comment LF89792 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.03	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89793

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	MIKE PRYSBY/LOIS GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	08:20
Sample Point:	03KC040 UNIT 1	Date Received:	11/02/2015	07:45
Water System:	Other	Purpose:	Other	

Sample Comment LF89793 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89794

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/31/2015	08:20
Sample Point:	03KC040 UNIT1	Date Received:	11/02/2015	07:45
Water System:	Other	Purpose:	Other	

Sample Comment **LF89794** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.41	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89795

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	MIKE PRYSBY/LOIS GRAHAM	Site Code:	F-01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	08:20
Sample Point:	03KC040 UNIT 1	Date Received:	11/02/2015	07:45
Water System:	Other	Purpose:	Other	

Sample Comment LF89795 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.99	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89796

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	MIKE PRYSBY	Site Code:	F-02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	08:20
Sample Point:	03KC040 UNIT1	Date Received:	11/02/2015	07:45
Water System:	Other	Purpose:	Other	

Sample Comment LF89796 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.13	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89797

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:25
Sample Point:	04KC044 - UNIT 2	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89797 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.49	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89798

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:25
Sample Point:	04KC044-UNIT 2	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89798 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.97	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89799

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	09:25
Sample Point:	04KC044 - UNIT 2	Date Received:	11/02/2015	07:45
Water System:	Other	Purpose:	Other	

Sample Comment LF89799 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.22	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89800

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:25
Sample Point:	04KC044 UNIT2	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89800 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.60	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89801

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 14:40
Sample Point:	02CF036 RM209	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89801 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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Sample Number
LF89802

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 14:40
Sample Point:	02CF036 RM209	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89802 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.021	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89803

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F07
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 14:40
Sample Point:	02CF036 RM209	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89803 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89804

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 14:40
Sample Point:	02CF036 RM209	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89804 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89805

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015
Sample Point:	02DW035 RM208	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89805 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89806

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015
Sample Point:	02DW035 RM208	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89806 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.019	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89807

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015
Sample Point:	02DW035 RM208	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89807 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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FAX: (517) 335-8562

Sample Number
LF89808

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015
Sample Point:	02DW035 RM208	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89808 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Sample Number
LF89809

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015
Sample Point:	02CF034 RM208	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89809 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.019	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89810

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015
Sample Point:	02CF034 RM208	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89810 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
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Sample Number
LF89811

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015
Sample Point:	02CF034 RM208	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89811 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89812

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015
Sample Point:	02CF034 RM 208	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89812 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
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FAX: (517) 335-8562

Sample Number
LF89813

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 14:15
Sample Point:	02DW033 RM207	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89813 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.020	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89814

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 14:15
Sample Point:	02DW033 RM207	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89814 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89815

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 14:15
Sample Point:	02DW033 RM207	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89815 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89816

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 14:15
Sample Point:	02DW033 RM207	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89816 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89817

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 14:30
Sample Point:	01KC019 RM108	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89817 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89818

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 14:36
Sample Point:	01KC019 RM108	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89818 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89819

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 14:30
Sample Point:	01KC019 RM108	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89819 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89820

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 14:30
Sample Point:	01KC019 RM108	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89820 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89821

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 14:10
Sample Point:	02CF032 RM207	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89821 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.021	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89822

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 14:10
Sample Point:	02CF032 RM207	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89822 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.023	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89823

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 14:10
Sample Point:	02CF032 RM207	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89823 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89824

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 14:10
Sample Point:	02CF032 RM207	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89824 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89825

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 14:40
Sample Point:	02DW037 RM209	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89825 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89826

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	14:40
Sample Point:	02DW037 RM209	Date Received:	11/02/2015	07:45
Water System:	Other	Purpose:	Other	

Sample Comment LF89826 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89827

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 14:45
Sample Point:	02DW037 RM209	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89827 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89828

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 14:45
Sample Point:	02DW037 RM209	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89828 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89829

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	PRSYBY M/L GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	12:40
Sample Point:	02DW025 RM203	Date Received:	11/02/2015	07:45
Water System:	Other	Purpose:	Other	

Sample Comment LF89829 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89830

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:45
Sample Point:	02DW025 RM203	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89830 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89831

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:45
Sample Point:	02DW025 RM203	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89831 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89832

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	PRYSBY M/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:45
Sample Point:	02DW025 RM203	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89832 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89833

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	PRYSBY M/L GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	12:45
Sample Point:	02DW027 RM204	Date Received:	11/02/2015	07:45
Water System:	Other	Purpose:	Other	

Sample Comment LF89833 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.018	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89834

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	PRYSBY M/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:45
Sample Point:	02DW027 RM204	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89834 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89835

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:45
Sample Point:	02DW027 RM204	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89835 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89836

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:45
Sample Point:	02DW027 RM204	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89836 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89837

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	PRYSBY M/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:50
Sample Point:	02CF026 - 4M 204	Date Received:	11/02/2015 07:45
Water System:	Other	Purpose:	Other

Sample Comment LF89837 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89838

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	PRYSBY M/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:50
Sample Point:	02CF026 RM204	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89838 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89839

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:50
Sample Point:	02CF026 RM 204	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89839 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89840

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:50
Sample Point:	02CF026 RM204	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89840 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89841

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/ L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 13:00
Sample Point:	02DW031 RM206	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89841 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.084	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89842

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/ LGRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 13:00
Sample Point:	02DW031 RM206	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89842 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89843

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 13:00
Sample Point:	02DW031 RM206	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89843 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF89844

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 13:00
Sample Point:	02DW031 RM206	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89844 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89845

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:55
Sample Point:	02DW029 RM205	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89845 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.039	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89846

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:55
Sample Point:	02DW029 RM205	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89846 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89847

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:55
Sample Point:	02DW029 RM205	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89847 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89848

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:55
Sample Point:	02DW029 RM205	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89848 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89849

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 13:00
Sample Point:	02CF028 RM205	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89849 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89850

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	13:00
Sample Point:	02CF028 RM205	Date Received:	11/02/2015	07:46
Water System:	Other	Purpose:	Other	

Sample Comment LF89850 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89851

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 13:00
Sample Point:	02CF028 RM205	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89851 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89852

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015
Sample Point:	02CF028 RM205	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89852 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89853

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015
Sample Point:	07DW017 RM107	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89853 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89854

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015
Sample Point:	01DW017 RM107	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89854 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89855

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015
Sample Point:	01DW017 RM107	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89855 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89856

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015
Sample Point:	01DW017 RM107	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89856 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89857

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 13:50
Sample Point:	01DW015 RM106	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89857 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89858

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 13:50
Sample Point:	01DW015 RM106	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89858 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89859

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 13:50
Sample Point:	01DW015 RM106	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89859 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89860

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 13:50
Sample Point:	01DW015 RM106	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89860 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89861

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015
Sample Point:	01CF018 RM107	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89861 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89862

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015
Sample Point:	01CF018 RM107	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89862 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.30	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89863

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F07
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015
Sample Point:	01CF018 RM107	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89863 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89864

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015
Sample Point:	01CF078 RM107	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89864 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89865

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 13:05
Sample Point:	02CF030 RM206	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89865 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF89866

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 13:05
Sample Point:	02CF030 RM206	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89866 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89867

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 13:05
Sample Point:	02CF030 RM206	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89867 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89868

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 13:05
Sample Point:	02CF030 RM206	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89868 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
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mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89869

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	PRYSBY M/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 13:50
Sample Point:	01CF016 - RM106	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89869 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.402	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89870

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 13:50
Sample Point:	01CF016 - RM106	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89870 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.061	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89871

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 13:50
Sample Point:	01CF016 - RM106	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89871 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
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CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89872

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 13:50
Sample Point:	01CF016 - RM106	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89872 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89873

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:40
Sample Point:	02CF024 RM203	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89873 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89874

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	PRYSBY M/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:40
Sample Point:	02CF024 RM203	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89874 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.015	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89875

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	PRYSBY M/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:40
Sample Point:	02CF024 RM203	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89875 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89876

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	PRYSBY M/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 12:40
Sample Point:	02CF024 RM203	Date Received:	11/02/2015 07:46
Water System:	Other	Purpose:	Other

Sample Comment LF89876 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: DEQ-DWR-LABREPORTS
Sent: Monday, November 09, 2015 5:16 PM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51100007
Attachments: 51100007.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89877

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	A1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	08:30
Sample Point:	03KC040 - UNIT 1	Date Received:	11/02/2015	08:19
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.55	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89878

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	A2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:30
Sample Point:	03KC040 - UNIT 1	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.30	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89879

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	A3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:30
Sample Point:	03KC040 - UNIT 1	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.28	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89880

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	A4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:30
Sample Point:	03KC040 - UNIT 1	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89881

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	A5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:30
Sample Point:	03KC040 - UNIT 1	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.26	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89882

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	A6	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	08:30
Sample Point:	03KC040 - UNIT 1	Date Received:	11/02/2015	08:19
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89883

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	A7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:30
Sample Point:	03KC040 - UNIT 1	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89884

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	A8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:30
Sample Point:	03KC040 UNIT 1	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89885

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	A9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:30
Sample Point:	03KC040 UNIT 1	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.23	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89886

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	A10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 08:30
Sample Point:	03KC040 UNIT 1	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.24	11/04/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/04/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89887

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	B1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:35
Sample Point:	04KC044 UNIT 2	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.53	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89888

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	B2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:35
Sample Point:	04KC044 UNIT 2	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.45	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

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Sample Number
LF89889

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	B3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:35
Sample Point:	04KC044 UNIT 2	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.42	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89890

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	B4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:35
Sample Point:	04KC044 UNIT 2	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.39	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89891

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	B5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:35
Sample Point:	04KC044 UNIT 2	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.37	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF89892

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	B6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:35
Sample Point:	04KC044 UNIT 2	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.36	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89893

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	B7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:35
Sample Point:	04KC044 UNIT 2	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.36	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89894

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	B8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:35
Sample Point:	04KC044 UNIT 2	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.36	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89895

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	B9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:35
Sample Point:	04KC044 UNIT 2	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.33	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
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Sample Number
LF89896

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	B10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 09:35
Sample Point:	04KC044 UNIT 2	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89897

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	C1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	01CF004 - RM 109	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89898

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	C2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	15:00
Sample Point:	01CF004 - RM 109	Date Received:	11/02/2015	08:19
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89899

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	C3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	01CF004 - RM 109	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89900

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	C4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	01CF004 RM 109	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89901

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	C5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	01CF004 RM 109	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89902

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	C6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	01CF004 RM 109	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89903

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	C7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	01CF004 RM 109	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89904

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	C8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	01CF004 RM 109	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89905

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	C9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	01CF004 RM 109	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89906

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	C10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	01CF004 R 109	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89907

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	D1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	01CF010 RM 102	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89908

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	D2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	01CF010 RM 102	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89909

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	D3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	01CF010 RM 102	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89910

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	D4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	01CF010 RM 102	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89911

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	D5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	01CF010 RM 102	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89912

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	D6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	01CF010 RM 102	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89913

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	D7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	01CF010 RM 102	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89914

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	D8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	01CF010 RM 102	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89915

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	D9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	01CF010 RM 102	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89916

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	D10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	01CF010 RM 102	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89917

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	E1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	02CF036 RM 209	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89918

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	E-2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	02CF036 - RM 209	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89919

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	E3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	02CF036 - RM 209	Date Received:	11/02/2015 08:19
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89920

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	E4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	02CF036 RM 209	Date Received:	11/02/2015 08:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89921

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	E5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	02CF036 RM 209	Date Received:	11/02/2015 08:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89922

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	E6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	02CF036 RM 209	Date Received:	11/02/2015 08:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89923

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	E7	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/31/2015	15:00
Sample Point:	02CF036 RM 209	Date Received:	11/02/2015	08:20
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89924

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	E8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	02CF036 RM 209	Date Received:	11/02/2015 08:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89925

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	E9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	02CF036 RM 209	Date Received:	11/02/2015 08:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF89926

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	EISENHOWER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	E10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/31/2015 15:00
Sample Point:	02CF036 RM 209	Date Received:	11/02/2015 08:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/05/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/05/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: DEQ-DWR-LABREPORTS
Sent: Monday, November 09, 2015 6:05 PM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51002900
Attachments: 51002900.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88751

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:51
Sample Point:	CF022 RM 12	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88751 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.32	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88752

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:51
Sample Point:	CF022 RM 12	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88752 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88753

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:51
Sample Point:	CF022 RM 12	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88753 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88754

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:51
Sample Point:	CF022 RM 12	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88754 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF88755

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:51
Sample Point:	CF021 RM 12	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88755 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88756

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:51
Sample Point:	CF021 RM 12	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88756 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88757

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:51
Sample Point:	CF021 #12	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88757 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88758

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:51
Sample Point:	CF021 RM 12	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88758 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88759

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:46
Sample Point:	CF009 RM 5	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88759 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88760

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:46
Sample Point:	CF009 RM 5	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88760 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.28	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88761

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:46
Sample Point:	CF009 RM 5	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88761 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88762

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:46
Sample Point:	CF009 RM 5	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88762 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88763

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:25
Sample Point:	CF015 RM 11	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88763 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.43	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.102	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF88764

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:25
Sample Point:	CF015 RM 11	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88764 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.66	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.326	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88765

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:25
Sample Point:	CF015 RM 11	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88765 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88766

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:25
Sample Point:	CF015 RM 11	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88766 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88767

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:25
Sample Point:	CF016 RM 11	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88767 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.99	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88768

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:25
Sample Point:	CF016 RM 11	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88768 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.89	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88769

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:25
Sample Point:	CF016 RM 11	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88769 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88770

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:25
Sample Point:	CF016 RM 11	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88770 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88771

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 12:11
Sample Point:	CF027 RM 21	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88771 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88772

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 12:11
Sample Point:	CF027 RM 21	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88772 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88773

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 12:11
Sample Point:	CF027 RM 21	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88773 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88774

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 12:11
Sample Point:	CF027 RM 21	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88774 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88775

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:01
Sample Point:	CF010 RM 6	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88775 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.24	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88776

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:01
Sample Point:	CF010 RM 6	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88776 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88777

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:01
Sample Point:	CF010 RM 6	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88777 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88778

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:01
Sample Point:	CF010 RM 6	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88778 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF88779

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 12:11
Sample Point:	CF028 RM #21	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88779 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88780

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 12:11
Sample Point:	CF028 RM #21	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88780 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88781

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 12:11
Sample Point:	CF028 RM #21	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88781 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88782

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 12:11
Sample Point:	CF028 RM #21	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88782 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88783

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ANDY NEWMAN	Site Code:	P1	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF024 RM #19	Date Received:	10/24/2015	14:26
Water System:	Other	Purpose:	Other	

Sample Comment LF88783 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.23	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.023	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88784

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	P2	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF024 RM #19	Date Received:	10/24/2015	14:26
Water System:	Other	Purpose:	Other	

Sample Comment LF88784 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88785

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	F01	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF024 RM #19	Date Received:	10/24/2015	14:26
Water System:	Other	Purpose:	Other	

Sample Comment LF88785 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88786

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	F02	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF024 RM #19	Date Received:	10/24/2015	14:26
Water System:	Other	Purpose:	Other	

Sample Comment LF88786 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88787

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:29
Sample Point:	KC003 COMMUNITY ROOM	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88787 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88788

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:29
Sample Point:	KC003 COMMUNITY ROOM	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment **LF88788** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88789

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:29
Sample Point:	KC003 COMMUNITY ROOM	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88789 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88790

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/ GEORGE KRI	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:29
Sample Point:	KC003 COMMUNITY ROOM	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88790 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88791

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	P1	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF023 RM #19	Date Received:	10/24/2015	14:26
Water System:	Other	Purpose:	Other	

Sample Comment LF88791 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF88792

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	P2	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF023 RM #19	Date Received:	10/24/2015	14:26
Water System:	Other	Purpose:	Other	

Sample Comment LF88792 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88793

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	F01	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF023 RM #19	Date Received:	10/24/2015	14:26
Water System:	Other	Purpose:	Other	

Sample Comment LF88793 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88794

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	F02	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF023 RM #19	Date Received:	10/24/2015	14:26
Water System:	Other	Purpose:	Other	

Sample Comment LF88794 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88795

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:08
Sample Point:	DW002 HALLWAY	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88795 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.015	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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Sample Number
LF88796

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVERAUX/ GEORGE KRIS	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:08
Sample Point:	DW002 HALLWAY	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88796 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88797

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:08
Sample Point:	DW002 HALLWAY	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88797 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88798

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F02	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	10:08
Sample Point:	DW002 HALLWAY	Date Received:	10/24/2015	14:26
Water System:	Other	Purpose:	Other	

Sample Comment **LF88798** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88799

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	P1	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF012 RM #9	Date Received:	10/24/2015	14:26
Water System:	Other	Purpose:	Other	

Sample Comment LF88799 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.23	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88800

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR	Site Code:	P2	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF012 RM #9	Date Received:	10/24/2015	14:26
Water System:	Other	Purpose:	Other	

Sample Comment LF88800 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF88801

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	F01	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	11:07
Sample Point:	CF012 RM #9	Date Received:	10/24/2015	14:26
Water System:	Other	Purpose:	Other	

Sample Comment LF88801 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88802

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	F02	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	11:07
Sample Point:	CF012 RM #9	Date Received:	10/24/2015	14:26
Water System:	Other	Purpose:	Other	

Sample Comment LF88802 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88803

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/ GEORGE KRI	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:08
Sample Point:	DW001 HALLWAY	Date Received:	10/24/2015 14:26
Water System:	Other	Purpose:	Other

Sample Comment LF88803 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.41	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.040	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88804

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:08
Sample Point:	DW001 HALLWAY	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88804 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.29	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF88805

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:08
Sample Point:	DW001 HALLWAY	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88805 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88806

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	TRACY JO DEVEREAUX/GEORGE KRIS	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:08
Sample Point:	DW001 HALLWAY	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88806 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
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Flint, MI 48502-1540
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88807

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR	Site Code:	P1	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF018 RM#15	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88807 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88808

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	P2	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF018 RM#15	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88808 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88809

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	F01	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF018 RM#15	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88809 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88810

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	F02	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF018 RM#15	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88810 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88811

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	P1	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF017 RM#15	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88811 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88812

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	P2	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF017 RM#15	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88812 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.29	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88813

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	F01	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF017 RM#15	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88813 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88814

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	F02	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF017 RM#15	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88814 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88815

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	P1	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	10:10
Sample Point:	CF029 DHS OFFICE	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88815 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.59	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88816

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR /ANDY NEUMAN	Site Code:	P2	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	10:10
Sample Point:	CF029 DHS OFFICE	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment **LF88816** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.40	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88817

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	F01	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	10:10
Sample Point:	CF029 DHS OFFICE	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88817 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88818

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	F02	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	10:10
Sample Point:	CF029 DHF OFFICE	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88818 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88819

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	P1	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF008 RM#4	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88819 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.28	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88820

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	P2	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF008 RM#4	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88820 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.54	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88821

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	F01	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF008 RM#4	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88821 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88822

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	F02	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	
Sample Point:	CF008 RM#4	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88822 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88823

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	P1	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	10:35
Sample Point:	CF007 RM#3	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88823 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88824

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	P2	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	10:35
Sample Point:	CF007 RM #3	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88824 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88825

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAN	Site Code:	F01	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	10:35
Sample Point:	CF007 RM#3	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88825 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88826

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	JOE MADZIAR/ ANDY NEUMAR	Site Code:	F02	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	10:35
Sample Point:	CF007 RM#3	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88826 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88827

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:15
Sample Point:	CF014 ROOM #10	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment **LF88827** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.027	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88828

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY / LOIS GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:15
Sample Point:	CF014- ROOM #10	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment **LF88828** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88829

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F01	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	11:15
Sample Point:	CF014-ROOM #10	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88829 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88830

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:15
Sample Point:	CF014-ROOM #10	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment **LF88830** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88831

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/24/2015	12:00
Sample Point:	CF026 ROOM #14	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88831 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.75	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.036	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88832

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 12:00
Sample Point:	CF026 ROOM #14	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88832 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.66	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.030	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88833

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 12:00
Sample Point:	CF026 ROOM #14	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88833 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.35	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88834

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 12:00
Sample Point:	CF026 ROOM #14	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88834 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88835

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:35
Sample Point:	CF019 ROOM #17	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88835 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88836

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:35
Sample Point:	CF019 ROOM #17	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88836 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Sample Number
LF88837

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:35
Sample Point:	CF019 ROOM #17	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88837 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88838

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:35
Sample Point:	CF019 ROOM #17	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88838 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88839

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 12:00
Sample Point:	CF025 ROOM #14	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88839 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88840

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 12:00
Sample Point:	CF025 ROOM #14	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment **LF88840** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88841

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 12:00
Sample Point:	CF025 ROOM #14	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88841 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88842

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 12:00
Sample Point:	CF025 ROOM #14	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88842 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88843

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:15
Sample Point:	CF013 ROOM #10	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88843 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF88844

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:15
Sample Point:	CF013- ROOM #10	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment **LF88844** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.018	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88845

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:15
Sample Point:	CF013 ROOM #10	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment **LF88845** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88846

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:15
Sample Point:	CF013 ROOM #10	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88846 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88847

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:35
Sample Point:	CF020 ROOM #17	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment **LF88847** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF88848

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY / LOIS GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:35
Sample Point:	CF020 ROOM #17	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment **LF88848** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88849

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:35
Sample Point:	CF020 ROOM #17	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88849 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88850

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:35
Sample Point:	CF020 ROOM #17	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88850 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88851

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:45
Sample Point:	CF006 ROOM#2	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88851 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.016	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88852

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:45
Sample Point:	CF006 ROOM #2	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88852 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88853

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:45
Sample Point:	CF006 ROOM #2	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88853 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88854

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:45
Sample Point:	CF006 ROOM #2	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88854 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF88855

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:00
Sample Point:	CF011 ROOM #7	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88855 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88856

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:00
Sample Point:	CF011 ROOM #7	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment **LF88856** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88857

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 11:00
Sample Point:	CF011 ROOM #7	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88857 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88858

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F02	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	10/24/2015	11:00
Sample Point:	CF011 ROOM #7	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88858 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88859

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 09:43
Sample Point:	CF031 RAINBOW PRE K	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88859 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.38	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.057	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88860

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 09:43
Sample Point:	CF031 RAINBOW PRE K	Date Received:	10/24/2015 14:27
Water System:	Other	Purpose:	Other

Sample Comment LF88860 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88861

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/24/2015	09:43
Sample Point:	CF031 RAINBOW PRE K	Date Received:	10/24/2015	14:27
Water System:	Other	Purpose:	Other	

Sample Comment LF88861 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88862

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 09:43
Sample Point:	CF031 RAINBOW PRE K	Date Received:	10/24/2015 14:28
Water System:	Other	Purpose:	Other

Sample Comment LF88862 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88863

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 09:43
Sample Point:	CF030 RAINBOW PRE K	Date Received:	10/24/2015 14:28
Water System:	Other	Purpose:	Other

Sample Comment LF88863 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.38	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88864

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 09:43
Sample Point:	CF030 RAINBOW PRE K	Date Received:	10/24/2015 14:28
Water System:	Other	Purpose:	Other

Sample Comment LF88864 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.42	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88865

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/24/2015	09:43
Sample Point:	CF030 RAINBOW PRE K	Date Received:	10/24/2015	14:28
Water System:	Other	Purpose:	Other	

Sample Comment LF88865 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.59	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF88866

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 09:43
Sample Point:	CF030 RAINBOW PRE K	Date Received:	10/24/2015 14:28
Water System:	Other	Purpose:	Other

Sample Comment LF88866 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88867

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/24/2015	10:10
Sample Point:	CF004 ROOM #1	Date Received:	10/24/2015	14:28
Water System:	Other	Purpose:	Other	

Sample Comment **LF88867** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88868

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:10
Sample Point:	CF004 ROOM #1	Date Received:	10/24/2015 14:28
Water System:	Other	Purpose:	Other

Sample Comment **LF88868** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88869

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:10
Sample Point:	CF004 ROOM #1	Date Received:	10/24/2015 14:28
Water System:	Other	Purpose:	Other

Sample Comment LF88869 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88870

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/24/2015	10:10
Sample Point:	CF004 ROOM #1	Date Received:	10/24/2015	14:28
Water System:	Other	Purpose:	Other	

Sample Comment LF88870 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88871

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/24/2015	10:20
Sample Point:	DW005 ROOM #1	Date Received:	10/24/2015	14:28
Water System:	Other	Purpose:	Other	

Sample Comment LF88871 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88872

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:20
Sample Point:	DW005 ROOM #1	Date Received:	10/24/2015 14:28
Water System:	Other	Purpose:	Other

Sample Comment LF88872 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88873

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other	
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	10/24/2015	10:20
Sample Point:	DW005 ROOM #1	Date Received:	10/24/2015	14:28
Water System:	Other	Purpose:	Other	

Sample Comment LF88873 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF88874

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	FREEMAN ELEMENTARY SCHOOL,FLINT	Source:	Other
Collected By:	MIKE PRYSBY/ LOIS GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	10/24/2015 10:20
Sample Point:	DW005 ROOM #1	Date Received:	10/24/2015 14:28
Water System:	Other	Purpose:	Other

Sample Comment **LF88874** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	10/26/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	10/26/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: DEQ-DWR-LABREPORTS
Sent: Friday, November 20, 2015 10:33 AM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51100866
Attachments: 51100866.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90786

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:45
Sample Point:	02KC033- TEMPORARY CLASSROOM	Date Received:	11/09/2015	07:04
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90787

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:45
Sample Point:	02KC033- TEMPORARY CLASSROOM	Date Received:	11/09/2015	07:04
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90788

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA3	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:45
Sample Point:	02KC033- TEMPORARY CLASSROOM	Date Received:	11/09/2015	07:04
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90789

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA4	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:45
Sample Point:	02KC033- TEMPORARY CLASSROOM	Date Received:	11/09/2015	07:04
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90790

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA5	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:45
Sample Point:	02KC033- TEMPORARY CLASSROOM	Date Received:	11/09/2015	07:04
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90791

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA6	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:45
Sample Point:	02KC033- TEMPORARY CLASSROOM	Date Received:	11/09/2015	07:04
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90792

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA7	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:45
Sample Point:	02KC033- TEMPORARY CLASSROOM	Date Received:	11/09/2015	07:04
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90793

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA8	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:45
Sample Point:	02KC033- TEMPORARY CLASSROOM	Date Received:	11/09/2015	07:04
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90794

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA9	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:45
Sample Point:	02KC033- TEMPORARY CLASSROOM	Date Received:	11/09/2015	07:04
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90795

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA10	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:45
Sample Point:	02KC033- TEMPORARY CLASSROOM	Date Received:	11/09/2015	07:04
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90796

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:45
Sample Point:	01CF013- RM 100	Date Received:	11/09/2015 07:04
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Sample Number
LF90797

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:45
Sample Point:	01CF013- RM 100	Date Received:	11/09/2015 07:04
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
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CFU : Colony Forming Unit

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Sample Number
LF90798

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:45
Sample Point:	01CF013- RM 100	Date Received:	11/09/2015 07:04
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90799

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:45
Sample Point:	01CF013- RM 100	Date Received:	11/09/2015 07:04
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90800

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:45
Sample Point:	01CF013- RM 100	Date Received:	11/09/2015 07:04
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90801

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:45
Sample Point:	01CF013- RM 100	Date Received:	11/09/2015 07:04
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90802

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:45
Sample Point:	01CF013- RM 100	Date Received:	11/09/2015 07:04
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90803

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:45
Sample Point:	01CF013- RM 100	Date Received:	11/09/2015 07:04
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90804

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:45
Sample Point:	01CF013- RM 100	Date Received:	11/09/2015 07:04
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90805

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:45
Sample Point:	01CF013- RM 100	Date Received:	11/09/2015 07:04
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Sample Number
LF90806

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:00
Sample Point:	01CF018- RM 301	Date Received:	11/09/2015 07:04
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90807

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:00
Sample Point:	01CF018- RM 301	Date Received:	11/09/2015 07:04
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90808

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:00
Sample Point:	01CF018- RM 301	Date Received:	11/09/2015 07:04
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90809

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:00
Sample Point:	01CF018- RM 301	Date Received:	11/09/2015 07:05
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90810

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:00
Sample Point:	01CF018- RM 301	Date Received:	11/09/2015 07:05
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90811

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:00
Sample Point:	01CF018- RM 301	Date Received:	11/09/2015 07:05
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90812

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:00
Sample Point:	01CF018- RM 301	Date Received:	11/09/2015 07:05
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90813

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:00
Sample Point:	01CF018- RM 301	Date Received:	11/09/2015 07:05
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90814

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:00
Sample Point:	01CF018- RM 301	Date Received:	11/09/2015 07:05
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90815

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:00
Sample Point:	01CF018- RM 301	Date Received:	11/09/2015 07:05
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90816

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CD1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:15
Sample Point:	01CF032- RM 310	Date Received:	11/09/2015 07:05
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90817

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CD2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:15
Sample Point:	01CF032- RM 310	Date Received:	11/09/2015 07:05
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90818

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CD3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:15
Sample Point:	01CF032- RM 310	Date Received:	11/09/2015 07:05
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90819

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CD4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:15
Sample Point:	01CF032- RM 310	Date Received:	11/09/2015 07:05
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90820

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CD5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:15
Sample Point:	01CF032- RM 310	Date Received:	11/09/2015 07:05
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90821

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CD6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:15
Sample Point:	01CF032- RM 310	Date Received:	11/09/2015 07:05
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90822

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CD7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:15
Sample Point:	01CF032- RM 310	Date Received:	11/09/2015 07:05
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90823

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CD8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:15
Sample Point:	01CF032- RM 310	Date Received:	11/09/2015 07:05
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
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Sample Number
LF90824

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CD9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:15
Sample Point:	01CF032- RM 310	Date Received:	11/09/2015 07:05
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF90825

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CD10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:15
Sample Point:	01CF032- RM 310	Date Received:	11/09/2015 07:05
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: DEQ-DWR-LABREPORTS
Sent: Friday, November 20, 2015 10:33 AM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51100867
Attachments: 51100867.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90826

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:15
Sample Point:	01WC002	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90826 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.51	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF90827

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:15
Sample Point:	01WC002	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90827 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.60	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90828

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:15
Sample Point:	01WC002	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90828 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.77	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.035	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF90829

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:15
Sample Point:	01WC002	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90829 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.35	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.019	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF90830

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:05
Sample Point:	01DW001	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90830 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.68	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.020	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90831

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:05
Sample Point:	01DW001	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90831 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90832

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:05
Sample Point:	01DW001	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90832 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90833

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:05
Sample Point:	01DW001	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90833 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90834

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:25
Sample Point:	01CF003 - RM 109	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90834 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.36	11/13/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.026	11/13/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90835

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:25
Sample Point:	01CF003 - RM 109	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90835 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90836

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:25
Sample Point:	01CF003 - RM 109	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90836 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.34	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90837

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:25
Sample Point:	01CF003 - RM 109	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90837 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90838

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:30
Sample Point:	01DW004 - RM 109	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90838 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.43	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.042	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90839

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:30
Sample Point:	01DW004 - RM 109	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90839 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.26	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90840

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:30
Sample Point:	01DW004 - RM 109	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90840 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90841

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:30
Sample Point:	01DW004 - RM 109	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90841 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90842

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:45
Sample Point:	01DW006 - RM 110	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90842 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.28	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90843

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:45
Sample Point:	01DW006 - RM 110	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90843 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90844

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:45
Sample Point:	01DW006 - RM 110	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90844 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90845

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:45
Sample Point:	01DW006 - RM 110	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90845 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90846

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:40
Sample Point:	01CF005 - RM 110	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90846 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90847

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:40
Sample Point:	01CF005 - RM 110	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90847 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.30	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90848

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:40
Sample Point:	01CF005 - RM 110	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90848 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF90849

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:40
Sample Point:	01CF005 - RM 110	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90849 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90850

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:50
Sample Point:	01CF007 - RM 108	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90850 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.60	11/13/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.097	11/13/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90851

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:50
Sample Point:	01CF007 - RM 108	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90851 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.55	11/13/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.132	11/13/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90852

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:50
Sample Point:	01CF007 - RM 108	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90852 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90853

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:50
Sample Point:	01CF007 - RM 108	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90853 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90854

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:00
Sample Point:	01DW009 - RM 111	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90854 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.34	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.026	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90855

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:00
Sample Point:	01DW009 - RM 111	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90855 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.51	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.038	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90856

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:00
Sample Point:	01DW009 RM 111	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90856 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90857

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:00
Sample Point:	01DW009 - RM 111	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90857 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90858

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:10
Sample Point:	01CF011 - RM 107	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90858 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.025	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
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Sample Number
LF90859

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:10
Sample Point:	01CF011 - RM 107	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90859 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90860

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:10
Sample Point:	01CF011 - RM 107	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90860 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
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Laboratory Contacts
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Sample Number
LF90861

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:10
Sample Point:	01CF011 - RM 107	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90861 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90862

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:05
Sample Point:	01CF010 - RM 111	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90862 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.15	11/13/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.043	11/13/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90863

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:05
Sample Point:	01CF010 - RM 111	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90863 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.60	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.022	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90864

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:05
Sample Point:	01CF010 - RM 111	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90864 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90865

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:05
Sample Point:	01CF010 - RM 111	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90865 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90866

Official Laboratory Report

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LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:15
Sample Point:	01DW012 - RM 112	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90866 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.50	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.078	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90867

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:15
Sample Point:	01DW012 - RM 112	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90867 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90868

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:15
Sample Point:	01DW012 - RM 112	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90868 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90869

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:15
Sample Point:	01DW012 - RM 112	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90869 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90870

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:55
Sample Point:	01DW008 - RM 108	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90870 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.468	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90871

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:55
Sample Point:	01DW008 - RM 108	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90871 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.075	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90872

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:55
Sample Point:	01DW008 - RM 108	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90872 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Sample Number
LF90873

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:55
Sample Point:	01DW008 - RM 108	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90873 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90874

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:00
Sample Point:	01DW027 - RM 311	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90874 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.023	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90875

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:00
Sample Point:	01DW027 - RM 311	Date Received:	11/09/2015 07:13
Water System:	Other	Purpose:	Other

Sample Comment LF90875 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.019	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90876

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:00
Sample Point:	01DW027 RM 311	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90876 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.39	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.061	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90877

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:00
Sample Point:	01DW027 - RM 311	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90877 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.020	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90878

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:50
Sample Point:	01CF026 - RM 307	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90878 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.60	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.061	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90879

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:50
Sample Point:	01CF026 - RM 307	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90879 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.40	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.036	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90880

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:50
Sample Point:	01CF026 - RM 307	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90880 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90881

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:50
Sample Point:	01CF026 - RM 307	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90881 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90882

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:45
Sample Point:	01DW025 - RM 307	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90882 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	2.05	11/13/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.191	11/13/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90883

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:45
Sample Point:	01DW025 - RM 307	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90883 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.50	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.069	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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mg/L : milligrams / Liter (ppm)
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90884

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:45
Sample Point:	01DW025 - RM 307	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90884 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.028	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90885

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:45
Sample Point:	01DW025 - RM 307	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90885 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Sample Number
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LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:05
Sample Point:	01CF028 - RM 311	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90886 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.39	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Sample Number
LF90887

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LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:05
Sample Point:	01CF028 - RM 311	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90887 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.019	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Sample Number
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Official Laboratory Report

Report To: STEVE BUSCH
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LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:05
Sample Point:	01CF028 - RM 311	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90888 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.24	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.038	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:05
Sample Point:	01CF028 - RM 311	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90889 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.015	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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MPN : Most Probable Number
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Sample Number
LF90890

Official Laboratory Report

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525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:30
Sample Point:	01CF032 - RM 310	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90890 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.30	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Sample Number
LF90891

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LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:30
Sample Point:	01CF032 - RM 310	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90891 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90892

Official Laboratory Report

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LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:30
Sample Point:	01CF032 - RM 310	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90892 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Sample Number
LF90893

Official Laboratory Report

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LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:30
Sample Point:	01CF032 - RM 310	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90893 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Sample Number
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System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:30
Sample Point:	01DW031 - RM 310	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90894 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.36	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.029	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Sample Number
LF90895

Official Laboratory Report

Report To: STEVE BUSCH
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LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:30
Sample Point:	01DW031 - RM 310	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90895 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.24	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.035	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Sample Number
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LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:30
Sample Point:	01DW031 - RM 310	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90896 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.43	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.073	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90897

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:30
Sample Point:	01DW031 - RM 310	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90897 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90898

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:20
Sample Point:	01CF030 - RM 308	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90898 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.08	11/13/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.060	11/13/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
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MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90899

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:20
Sample Point:	01CF030 - RM 308	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90899 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90900

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:20
Sample Point:	01CF030 - RM 308	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90900 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90901

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:20
Sample Point:	01CF030 - RM 308	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90901 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90902

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:15
Sample Point:	01DW029 - RM 308	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90902 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.48	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.078	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90903

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:15
Sample Point:	01DW029 - RM 308	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90903 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.023	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90904

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:15
Sample Point:	01DW029 - RM 308	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90904 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90905

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD / GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:15
Sample Point:	01DW029 - RM 308	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90905 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90906

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:35
Sample Point:	02KC033 - TEMPORARY CLASSROOM	Date Received:	11/09/2015	07:14
Water System:	Other	Purpose:	Other	

Sample Comment **LF90906** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90907

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:35
Sample Point:	02KC033 - TEMPORARY CLASSROOM	Date Received:	11/09/2015	07:14
Water System:	Other	Purpose:	Other	

Sample Comment LF90907 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.51	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90908

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:35
Sample Point:	02KC033 - TEMPORARY CLASSROOM	Date Received:	11/09/2015	07:14
Water System:	Other	Purpose:	Other	

Sample Comment LF90908 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90909

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:35
Sample Point:	02KC033 - TEMPORARY CLASSROOM	Date Received:	11/09/2015	07:14
Water System:	Other	Purpose:	Other	

Sample Comment LF90909 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90910

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:40
Sample Point:	02DW034 - TEMPORARY CLASSROOM	Date Received:	11/09/2015	07:14
Water System:	Other	Purpose:	Other	

Sample Comment LF90910 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.73	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90911

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:40
Sample Point:	02DW034 - TEMPORARY CLASSROOM	Date Received:	11/09/2015	07:14
Water System:	Other	Purpose:	Other	

Sample Comment LF90911 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.82	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.054	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90912

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:40
Sample Point:	02DW034 - TEMPORARY CLASSROOM	Date Received:	11/09/2015	07:14
Water System:	Other	Purpose:	Other	

Sample Comment LF90912 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.77	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.036	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90913

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:40
Sample Point:	02DW034 - TEMPORARY CLASSROOM	Date Received:	11/09/2015	07:14
Water System:	Other	Purpose:	Other	

Sample Comment LF90913 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF90914

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:35
Sample Point:	01DW024 - RM 312	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90914 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.32	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.036	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF90915

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:35
Sample Point:	01DW024 - RM 312	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90915 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90916

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:35
Sample Point:	01DW024 - RM 312	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90916 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90917

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:35
Sample Point:	01DW024 - RM 312	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90917 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90918

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:55
Sample Point:	01CF020 - RM 302	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90918 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.53	11/13/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.053	11/13/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90919

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:55
Sample Point:	01CF020 - RM 302	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90919 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.34	11/13/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.030	11/13/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90920

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:55
Sample Point:	01CF020 - RM 302	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90920 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90921

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:55
Sample Point:	01CF020 - RM 302	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90921 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90922

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:30
Sample Point:	01CF023 - RM 312	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90922 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.022	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90923

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:30
Sample Point:	01CF023 - RM 312	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90923 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90924

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:30
Sample Point:	01CF023 - RM 312	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90924 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90925

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:30
Sample Point:	01CF023 - RM 312	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90925 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90926

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:50
Sample Point:	01DW019 - RM 302	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90926 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.51	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.220	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90927

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:50
Sample Point:	01DW019 - RM 302	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90927 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.34	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.023	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90928

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:50
Sample Point:	01DW019 - RM 302	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90928 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90929

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:50
Sample Point:	01DW019 - RM 302	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90929 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90930

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:20
Sample Point:	01DW022 - RM 306	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90930 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.40	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90931

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:20
Sample Point:	01DW022 - RM 306	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90931 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90932

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:20
Sample Point:	01DW022 - RM 306	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90932 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90933

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:20
Sample Point:	01DW022 - RM 306	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90933 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90934

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:05
Sample Point:	01CF021 - RM 306	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90934 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.36	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.015	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90935

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:05
Sample Point:	01CF021 - RM 306	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90935 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.050	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90936

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:05
Sample Point:	01CF021 - RM 306	Date Received:	11/09/2015 07:14
Water System:	Other	Purpose:	Other

Sample Comment LF90936 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90937

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:05
Sample Point:	01CF021 - RM 306	Date Received:	11/09/2015 07:15
Water System:	Other	Purpose:	Other

Sample Comment LF90937 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90938

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:45
Sample Point:	01CF018 - RM 301	Date Received:	11/09/2015 07:15
Water System:	Other	Purpose:	Other

Sample Comment LF90938 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.30	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90939

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:45
Sample Point:	01CF018 - RM 301	Date Received:	11/09/2015 07:15
Water System:	Other	Purpose:	Other

Sample Comment LF90939 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.016	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90940

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:45
Sample Point:	01CF018 - RM 301	Date Received:	11/09/2015 07:15
Water System:	Other	Purpose:	Other

Sample Comment LF90940 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90941

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:45
Sample Point:	01CF018 - RM 301	Date Received:	11/09/2015 07:15
Water System:	Other	Purpose:	Other

Sample Comment LF90941 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90942

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	10:40
Sample Point:	01DW017 - MAIN CORRIDOR	Date Received:	11/09/2015	07:15
Water System:	Other	Purpose:	Other	

Sample Comment LF90942 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.30	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90943

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	10:40
Sample Point:	01DW017 - MAIN CORRIDOR	Date Received:	11/09/2015	07:15
Water System:	Other	Purpose:	Other	

Sample Comment LF90943 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90944

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:40
Sample Point:	01DW017 - MAIN CORRIDOR	Date Received:	11/09/2015 07:15
Water System:	Other	Purpose:	Other

Sample Comment LF90944 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90945

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:40
Sample Point:	01DW017 - MAIN CORRIDOR	Date Received:	11/09/2015 07:15
Water System:	Other	Purpose:	Other

Sample Comment LF90945 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90946

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	10:35
Sample Point:	01KC016 - TEACHERS LOUNGE	Date Received:	11/09/2015	07:15
Water System:	Other	Purpose:	Other	

Sample Comment LF90946 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.50	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90947

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	10:35
Sample Point:	01KC016 - TEACHERS LOUNGE	Date Received:	11/09/2015	07:15
Water System:	Other	Purpose:	Other	

Sample Comment LF90947 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.63	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
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CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90948

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:35
Sample Point:	01KC016 - TEACHERS LOUNGE	Date Received:	11/09/2015 07:15
Water System:	Other	Purpose:	Other

Sample Comment LF90948 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90949

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	10:35
Sample Point:	01KC016 - TEACHERS LOUNGE	Date Received:	11/09/2015	07:15
Water System:	Other	Purpose:	Other	

Sample Comment LF90949 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90950

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:25
Sample Point:	01CF014 - RM 100	Date Received:	11/09/2015 07:15
Water System:	Other	Purpose:	Other

Sample Comment LF90950 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90951

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:25
Sample Point:	01CF014 - RM 100	Date Received:	11/09/2015 07:15
Water System:	Other	Purpose:	Other

Sample Comment LF90951 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90952

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:25
Sample Point:	01CF014 - RM 100	Date Received:	11/09/2015 07:15
Water System:	Other	Purpose:	Other

Sample Comment LF90952 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90953

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:25
Sample Point:	01CF014 - RM 100	Date Received:	11/09/2015 07:15
Water System:	Other	Purpose:	Other

Sample Comment LF90953 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90954

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:30
Sample Point:	01DW015 - RM 100	Date Received:	11/09/2015 07:15
Water System:	Other	Purpose:	Other

Sample Comment LF90954 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90955

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:30
Sample Point:	01DW015 - RM 100	Date Received:	11/09/2015 07:15
Water System:	Other	Purpose:	Other

Sample Comment LF90955 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90956

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:30
Sample Point:	01DW015 - RM 100	Date Received:	11/09/2015 07:15
Water System:	Other	Purpose:	Other

Sample Comment LF90956 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF90957

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:30
Sample Point:	01DW015 - RM 100	Date Received:	11/09/2015 07:15
Water System:	Other	Purpose:	Other

Sample Comment LF90957 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90958

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:20
Sample Point:	01CF013 - RM 100	Date Received:	11/09/2015 07:15
Water System:	Other	Purpose:	Other

Sample Comment LF90958 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90959

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:20
Sample Point:	01CF013 - RM 100	Date Received:	11/09/2015 07:15
Water System:	Other	Purpose:	Other

Sample Comment LF90959 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90960

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:20
Sample Point:	01CF013 - RM 100	Date Received:	11/09/2015 07:15
Water System:	Other	Purpose:	Other

Sample Comment LF90960 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90961

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	PIERCE ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:20
Sample Point:	01CF013 - RM 100	Date Received:	11/09/2015 07:15
Water System:	Other	Purpose:	Other

Sample Comment LF90961 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: DEQ-DWR-LABREPORTS
Sent: Friday, November 20, 2015 10:34 AM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51100868
Attachments: 51100868.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90962

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CA-1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:00
Sample Point:	01CF001 RM 159	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

Sample Comment LF90962 Sample container had a broken cap. Cap was replaced upon receipt at the lab.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90963

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CA2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:00
Sample Point:	01CF001 RM 159	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

Sample Comment LF90963 Sample container had a broken cap. Cap was replaced upon receipt at the lab.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90964

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CA3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:00
Sample Point:	01CF001 RM 159	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

Sample Comment LF90964 Sample container had a broken cap. Cap was replaced upon receipt at the lab.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90965

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CA4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:00
Sample Point:	01CF001 RM 159	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

Sample Comment LF90965 Sample container had a broken cap. Cap was replaced upon receipt at the lab.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90966

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CA5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:00
Sample Point:	01CF001 RM 159	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

Sample Comment LF90966 Sample container had a broken cap. Cap was replaced upon receipt at the lab.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90967

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CA6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:00
Sample Point:	01CF001 RM 159	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90968

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CA7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:00
Sample Point:	01CF001 RM 159	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90969

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CA8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:00
Sample Point:	01CF001 RM 159	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90970

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CA9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:00
Sample Point:	01CF001 RM 159	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

Sample Comment LF90970 Sample container had a broken cap. Cap was replaced upon receipt at the lab.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90971

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CA10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:00
Sample Point:	01CF001 RM 159	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90972

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CB1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:50
Sample Point:	01CF018-RM 155	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90973

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CB2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:50
Sample Point:	01CF018 RM 155	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90974

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CB3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:50
Sample Point:	01CF018 RM 155	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

Sample Comment LF90974 Sample container had a broken cap. Cap was replaced upon receipt at the lab.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90975

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CB4	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	13:50
Sample Point:	01CF018 RM 155	Date Received:	11/09/2015	07:41
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90976

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CB5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:50
Sample Point:	01CF018 RM 155	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

Sample Comment LF90976 Sample container had a broken cap. Cap was replaced upon receipt at the lab.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90977

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CB6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:50
Sample Point:	01CF018 RM 155	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90978

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CB7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:50
Sample Point:	01CF018 RM 155	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90979

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CB8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:50
Sample Point:	01CF018 RM 155	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90980

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CB9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:50
Sample Point:	01CF018 RM 155	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90981

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CB10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:50
Sample Point:	01CF018 RM 155	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90982

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CC-1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	14:17
Sample Point:	02CF030 RM 254	Date Received:	11/09/2015	07:41
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90983

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CC2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:17
Sample Point:	02CF030 RM 254	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90984

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CC3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:17
Sample Point:	02CF030 RM 254	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90985

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CC4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:17
Sample Point:	02CF030 RM 254	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90986

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CC5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:17
Sample Point:	02CF030 RM 254	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90987

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CC6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:17
Sample Point:	02CF030 RM 254	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90988

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CC7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:17
Sample Point:	02CF030 RM 254	Date Received:	11/09/2015 07:41
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90989

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CC8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:17
Sample Point:	02CF030 RM 254	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90990

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CC9	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	11/07/2015	14:17
Sample Point:	02CF030 RM 254	Date Received:	11/09/2015	07:42
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90991

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CC10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:17
Sample Point:	02CF030 RM 254	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90992

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CD1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:12
Sample Point:	02CF039 RM 260	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.186	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90993

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CD2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:12
Sample Point:	02CF039 RM 260	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.035	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90994

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CD3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:12
Sample Point:	02CF039 RM 260	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.015	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90995

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CD4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:12
Sample Point:	02CF039 RM 260	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90996

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CD5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:12
Sample Point:	02CF039 RM 260	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90997

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CD6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:12
Sample Point:	02CF039 RM 260	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90998

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CD7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:12
Sample Point:	02CF039 RM 260	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF90999

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CD8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:12
Sample Point:	02CF039 RM 260	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91000

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CD9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:12
Sample Point:	02CF039 RM 260	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91001

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CD10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:12
Sample Point:	02CF039 RM 260	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91002

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CE1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:22
Sample Point:	02KC052 TEACHERS LOUNGE	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91003

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CE2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:22
Sample Point:	02KC052 TEACHERS LOUNGE	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91004

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CE3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:22
Sample Point:	02KC052 TEACHERS LOUNGE	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91005

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CE4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:22
Sample Point:	02KC052 TEACHERS LOUNGE	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91006

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CE5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:22
Sample Point:	02KC052 TEACHERS LOUNGE	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91007

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CE6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:22
Sample Point:	02KC052 TEACHERS LOUNGE	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91008

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CE7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:22
Sample Point:	02KC052 TEACHERS LOUNGE	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91009

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CE8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015
Sample Point:	02KC052 TEACHERS LOUNGE	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91010

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CE9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:22
Sample Point:	02KC052 TEACHERS LOUNGE	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91011

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CE10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 14:22
Sample Point:	02KC052 TEACHERS LOUNGE	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91012

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CF1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015
Sample Point:	01KC049 RM 110	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91013

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CF2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015
Sample Point:	01KC049 RM 110	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91014

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CF3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015
Sample Point:	01KC049 RM 110	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91015

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CF4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015
Sample Point:	01KC049 RM 110	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91016

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CF5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015
Sample Point:	01KC049 RM 110	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91017

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CF6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015
Sample Point:	01KC049 RM 110	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91018

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CF7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015
Sample Point:	01KC049 RM 110	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91019

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CF8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015
Sample Point:	01KC049 RM 110	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91020

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CF9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015
Sample Point:	01KC049 RM 110	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91021

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY / L GRAHAM	Site Code:	CF10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015
Sample Point:	01KC049 RM 110	Date Received:	11/09/2015 07:42
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: DEQ-DWR-LABREPORTS
Sent: Friday, November 20, 2015 10:35 AM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51100869
Attachments: 51100869.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

From: DEQ-DWR-LABREPORTS
Sent: Friday, November 20, 2015 10:35 AM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51100869
Attachments: 51100869.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

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Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91022

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:32
Sample Point:	02KC052 TEACHERS LOUNGE	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91022 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91023

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	12:32
Sample Point:	02KC052 TEACHERS LOUNGE	Date Received:	11/09/2015	07:55
Water System:	Other	Purpose:	Other	

Sample Comment LF91023 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.020	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91024

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	12:32
Sample Point:	02KC052 TEACHERS LOUNGE	Date Received:	11/09/2015	07:55
Water System:	Other	Purpose:	Other	

Sample Comment LF91024 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91025

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:32
Sample Point:	02KC052 TEACHERS LOUNGE	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91025 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91026

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	12:22
Sample Point:	02WC050 RIGHT OF ELEV	Date Received:	11/09/2015	07:55
Water System:	Other	Purpose:	Other	

Sample Comment LF91026 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91027

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:22
Sample Point:	02WC050 RIGHT OF ELEV	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91027 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91028

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:22
Sample Point:	02WC050 RIGHT OF ELEV	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91028 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91029

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:22
Sample Point:	02WC050 RIGHT OF ELEV	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91029 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91030

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:40
Sample Point:	03WC054 RIGHT OF ELEV	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91030 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91031

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:40
Sample Point:	03WC054 RIGHT OF ELEV	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91031 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91032

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:40
Sample Point:	03WC054 RIGHT OF ELEV	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91032 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91033

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:40
Sample Point:	03WC054 RIGHT OF ELEV	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91033 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91034

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:30
Sample Point:	01DW015 RM 151	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91034 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91035

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:30
Sample Point:	01DW015 RM 151	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91035 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91036

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:30
Sample Point:	01DW015	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91036 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
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mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91037

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:30
Sample Point:	01DW015 RM 151	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91037 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91038

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:25
Sample Point:	02WC051 RIGHT OF ELEV	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91038 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91039

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:25
Sample Point:	02WC051 RIGHT OF ELEV	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91039 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91040

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:25
Sample Point:	02WC051 RIGHT OF ELEV	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91040 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91041

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	12:25
Sample Point:	02WC051 RIGHT OF ELEV	Date Received:	11/09/2015	07:55
Water System:	Other	Purpose:	Other	

Sample Comment LF91041 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91042

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:52
Sample Point:	03KC056 KITCHEN	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91042 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91043

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:52
Sample Point:	03KC056 KITCHEN	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91043 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91044

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:52
Sample Point:	03KC056 KITCHEN	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91044 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91045

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:52
Sample Point:	03KC056 KITCHEN	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91045 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91046

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:37
Sample Point:	03WC053 RIGHT OF ELEV	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91046 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.28	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91047

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:37
Sample Point:	03WC053 RIGHT OF ELEV	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91047 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.32	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91048

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:37
Sample Point:	03WC053 RIGHT OF ELEV	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91048 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.26	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91049

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:37
Sample Point:	03WC053 RIGHT OF ELEV	Date Received:	11/09/2015 07:55
Water System:	Other	Purpose:	Other

Sample Comment LF91049 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91050

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:33
Sample Point:	01CF016 RM 151	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91050 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91051

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:33
Sample Point:	01CF016 RM 151	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91051 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91052

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:33
Sample Point:	01CF016 RM 151	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91052 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91053

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:33
Sample Point:	01CF016 RM 151	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91053 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91054

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:15
Sample Point:	01WC043 MAIN CORRIDOR	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91054 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.40	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91055

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	12:15
Sample Point:	01WC043 MAIN CORRIDOR	Date Received:	11/09/2015	07:56
Water System:	Other	Purpose:	Other	

Sample Comment LF91055 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.41	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91056

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	12:15
Sample Point:	01WC043	Date Received:	11/09/2015	07:56
Water System:	Other	Purpose:	Other	

Sample Comment LF91056 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91057

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:15
Sample Point:	01WC043 MAIN CORRIDOR	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91057 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91058

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:46
Sample Point:	03KC055 KITCHEN	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91058 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91059

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:46
Sample Point:	03KC055 KITCHEN	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91059 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91060

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:46
Sample Point:	03KC055 KITCHEN	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91060 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91061

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:46
Sample Point:	03KC055 KITCHEN	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91061 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91062

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:25
Sample Point:	01CF014 RM 152	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91062 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91063

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:25
Sample Point:	01CF014 RM 152	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91063 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91064

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:25
Sample Point:	01CF014 RM 152	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91064 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91065

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:25
Sample Point:	01CF014 RM 152	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91065 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91066

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:20
Sample Point:	01DW013 RM 152	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91066 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91067

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:20
Sample Point:	01DW013	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91067 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91068

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:20
Sample Point:	01DW013 RM 152	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91068 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91069

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:20
Sample Point:	01DW013 RM 152	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91069 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91070

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:02
Sample Point:	02DW042 RM 262	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91070 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.044	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91071

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:02
Sample Point:	02DW042 RM 262	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91071 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
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FAX: (517) 335-8562

Sample Number
LF91072

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:02
Sample Point:	02DW042 RM 262	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91072 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Sample Number
LF91073

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 12:02
Sample Point:	02DW042 RM 262	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91073 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91074

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:59
Sample Point:	02CF041 RM 262	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91074 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.340	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91075

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:59
Sample Point:	02CF041 RM 262	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91075 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.132	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91076

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:59
Sample Point:	02CF041 RM 262	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91076 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.016	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91077

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:59
Sample Point:	02CF041 RM 262	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91077 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91078

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:45
Sample Point:	02CF030 RM 254	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91078 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91079

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:45
Sample Point:	02CF030 RM 254	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91079 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91080

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:45
Sample Point:	02CF030 RM 254	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91080 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91081

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:45
Sample Point:	02CF030 RM 254	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91081 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91082

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:50
Sample Point:	02CF039 RM 260	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91082 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.341	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91083

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:50
Sample Point:	02CF039 RM 260	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91083 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.349	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91084

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:50
Sample Point:	02CF039 RM 260	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91084 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.066	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91085

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:50
Sample Point:	02CF039 RM 260	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91085 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91086

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:15
Sample Point:	02CF036 RM 251	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91086 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91087

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:15
Sample Point:	02CF036 RM 251	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91087 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91088

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:15
Sample Point:	02CF036 RM 251	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91088 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91089

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:15
Sample Point:	02CF036 RM 251	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91089 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91090

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:37
Sample Point:	01DW037 GYM 1ST FLOOR	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91090 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91091

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:37
Sample Point:	01DW037	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91091 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91092

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:37
Sample Point:	01DW037 GYM 1ST FLOOR	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91092 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/10/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/10/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91093

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:37
Sample Point:	01DW037 GYM 1ST FLOOR	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91093 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not Detected	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91094

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:00
Sample Point:	02DW033 RM 252	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91094 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.24	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91095

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:00
Sample Point:	02DW033 RM 252	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91095 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.016	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91096

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:00
Sample Point:	02DW033 RM 252	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91096 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91097

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:00
Sample Point:	02DW033 RM 252	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91097 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91098

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:52
Sample Point:	02DW040 RM 260	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91098 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.085	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91099

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:52
Sample Point:	02DW040 RM 260	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91099 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.029	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91100

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:52
Sample Point:	02DW040 RM 260	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91100 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.018	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91101

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:52
Sample Point:	02DW040 RM 260	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91101 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.015	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91102

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:50
Sample Point:	02DW031 RM 253	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91102 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.025	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91103

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:50
Sample Point:	02DW031 RM 253	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91103 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.041	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91104

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:50
Sample Point:	02DW031 RM 253	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91104 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91105

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:50
Sample Point:	02DW031 RM 253	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91105 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91106

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:42
Sample Point:	01DW038 GYM 1ST FLOOR	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91106 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91107

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:42
Sample Point:	01DW038 GYM 1ST FLOOR	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91107 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91108

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:42
Sample Point:	01DW038 1ST FLOOR GYM	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91108 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91109

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:42
Sample Point:	01DW038 GYM 1ST FLOOR	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91109 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91110

Official Laboratory Report

Report To: STEVE BUSCH
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LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:40
Sample Point:	02DW029 RM 254	Date Received:	11/09/2015 07:56
Water System:	Other	Purpose:	Other

Sample Comment LF91110 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.023	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91111

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:40
Sample Point:	02DW029 RM 254	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91111 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.052	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91112

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	10:40
Sample Point:	02DW029	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91112 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91113

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	10:40
Sample Point:	02DW029	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91113 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91114

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:25
Sample Point:	01CF018 RM 155	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91114 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91115

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:25
Sample Point:	01CF018 RM 155	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91115 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.016	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91116

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:25
Sample Point:	01CF018 RM 155	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91116 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91117

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:25
Sample Point:	01CF018 RM 155	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91117 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91118

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	10:55
Sample Point:	02CF032	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91118 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.015	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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TEL: (517) 335-8184
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Sample Number
LF91119

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	10:55
Sample Point:	02CF032 RM 253	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91119 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.020	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91120

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:55
Sample Point:	02CF032 RM 253	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91120 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91121

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:55
Sample Point:	02CF032 RM 253	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91121 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91122

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:45
Sample Point:	02CF026 RM 259	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91122 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.074	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91123

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:45
Sample Point:	02CF026 RM 259	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91123 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.015	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91124

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:45
Sample Point:	02CF026 RM 259	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91124 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91125

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:45
Sample Point:	02CF026 RM 259	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91125 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91126

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:20
Sample Point:	01DW017 RM 155	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91126 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91127

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:20
Sample Point:	01DW017 RM 155	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91127 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91128

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:20
Sample Point:	01DW017 RM 155	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91128 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91129

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:20
Sample Point:	01DW017 RM 155	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91129 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91130

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:22
Sample Point:	01KC049 RM 110	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91130 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.28	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91131

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	13:22
Sample Point:	01KC049 RM 110	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91131 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.021	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91132

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:22
Sample Point:	01KC049 RM 110	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91132 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91133

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	13:22
Sample Point:	01KC049 RM 110	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91133 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91134

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:00
Sample Point:	01KC044 PRINCIPAL LAV	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91134 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.048	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91135

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:00
Sample Point:	01KC044 PRINCIPAL LAV	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91135 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.030	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91136

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:00
Sample Point:	01KC044 PRINCIPAL LAV	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91136 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91137

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:00
Sample Point:	01KC044 PRINCIPAL LAV	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91137 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91138

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:10
Sample Point:	01CF047 RM 111	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91138 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.26	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.022	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91139

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	13:10
Sample Point:	01CF047 RM 111	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91139 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91140

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:10
Sample Point:	01CF047 RM 111	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91140 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF91141

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:10
Sample Point:	01CF047 RM 111	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91141 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91142

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 13:18
Sample Point:	01KC048 RM 110	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91142 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.021	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91143

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	13:18
Sample Point:	01KC048 RM 110	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91143 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.023	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91144

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	13:18
Sample Point:	01KC048 RM 110	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91144 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91145

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	13:18
Sample Point:	01KC048 RM 110	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91145 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91146

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:25
Sample Point:	01DW010 RM 154	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91146 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91147

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:25
Sample Point:	01DW010 RM 154	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91147 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91148

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:25
Sample Point:	01DW010 RM 154	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91148 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91149

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:25
Sample Point:	01DW010 RM 154	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91149 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91150

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	10:30
Sample Point:	01DW011 RM 153	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91150 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91151

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	10:30
Sample Point:	01DW011 RM 153	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91151 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91152

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	10:30
Sample Point:	01DW011 RM 153	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91152 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91153

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:30
Sample Point:	01DW011 RM 153	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91153 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91154

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:52
Sample Point:	01WC005 1ST FLR GANG BATHROOM	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91154 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91155

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:52
Sample Point:	01WC005 1ST FLR GANG BATHROOM	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91155 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.015	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91156

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:52
Sample Point:	01WC005 1ST FLR GANG BATHROOM	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91156 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.016	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91157

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:52
Sample Point:	01WC005 1ST FLR GANG BATHROOM	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91157 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91158

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:55
Sample Point:	01WC006 1ST FLR GANG BATHROOMS	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91158 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.30	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91159

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:55
Sample Point:	01WC006 1ST FLR GANG BATHROOM	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91159 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.32	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91160

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:55
Sample Point:	01WC006 1ST FLR GANG BATHROOM	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91160 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.23	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91161

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:55
Sample Point:	01WC006 1ST FLR GANG BATHROOM	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91161 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91162

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	10:17
Sample Point:	02WC027 2ND FLR GANG BATHROOM	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91162 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.34	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91163

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:17
Sample Point:	02WC027 2ND FLR GANG BATHROOM	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91163 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.34	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91164

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	10:17
Sample Point:	02WC027 2ND FLR GANG BATHROOM	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91164 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91165

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	10:17
Sample Point:	02WC027 2ND FLR GANG BATHROOM	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91165 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91166

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:05
Sample Point:	02CF034 RM 252	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91166 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91167

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:05
Sample Point:	02CF034 RM 252	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91167 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91168

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:05
Sample Point:	02CF034 RM 252	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91168 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91169

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:05
Sample Point:	02CF034 RM 252	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91169 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91170

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:40
Sample Point:	02DW025 RM 259	Date Received:	11/09/2015 07:57
Water System:	Other	Purpose:	Other

Sample Comment LF91170 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.28	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91171

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:40
Sample Point:	02DW025 RM 259	Date Received:	11/09/2015	07:57
Water System:	Other	Purpose:	Other	

Sample Comment LF91171 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91172

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:40
Sample Point:	02DW025 RM 259	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91172 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91173

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:40
Sample Point:	02DW025 RM 259	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91173 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91174

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:35
Sample Point:	02DW023 RM 256	Date Received:	11/09/2015	07:58
Water System:	Other	Purpose:	Other	

Sample Comment LF91174 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91175

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:35
Sample Point:	02DW023 RM 256	Date Received:	11/09/2015	07:58
Water System:	Other	Purpose:	Other	

Sample Comment LF91175 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91176

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:35
Sample Point:	02DW023 RM 256	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91176 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91177

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:35
Sample Point:	02DW023 RM 256	Date Received:	11/09/2015	07:58
Water System:	Other	Purpose:	Other	

Sample Comment LF91177 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91178

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:25
Sample Point:	01CF009 RM 154	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91178 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
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Sample Number
LF91179

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:25
Sample Point:	01CF009 RM 154	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91179 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.23	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91180

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	10:25
Sample Point:	01CF009 RM 154	Date Received:	11/09/2015	07:58
Water System:	Other	Purpose:	Other	

Sample Comment LF91180 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91181

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:25
Sample Point:	01CF009 RM 154	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91181 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91182

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:10
Sample Point:	02DW035 RM 251	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91182 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91183

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:10
Sample Point:	02DW035 RM 251	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91183 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91184

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:10
Sample Point:	02DW035 RM 251	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91184 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91185

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 11:10
Sample Point:	02DW035 RM 251	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91185 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91186

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:37
Sample Point:	02CF024 RM 256	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91186 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91187

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:37
Sample Point:	02CF024 RM 256	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91187 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91188

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:37
Sample Point:	02CF024 RM 256	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91188 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91189

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:37
Sample Point:	02CF024 RM 256	Date Received:	11/09/2015	07:58
Water System:	Other	Purpose:	Other	

Sample Comment LF91189 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91190

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:35
Sample Point:	01CF012 RM 153	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91190 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91191

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:35
Sample Point:	01CF012 RM 153	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91191 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91192

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:35
Sample Point:	01CF012 RM 153	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91192 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91193

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 10:35
Sample Point:	01CF012 RM 153	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91193 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91194

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:05
Sample Point:	02DW022 RM 257	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91194 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91195

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:05
Sample Point:	02DW022 RM 257	Date Received:	11/09/2015	07:58
Water System:	Other	Purpose:	Other	

Sample Comment LF91195 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91196

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:05
Sample Point:	02DW022 RM 257	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91196 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91197

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:05
Sample Point:	02DW022 RM 257	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91197 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91198

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 08:50
Sample Point:	02CF019 RM 258	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91198 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91199

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 08:50
Sample Point:	02CF019 RM 258	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91199 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.024	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91200

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 08:50
Sample Point:	02CF019 RM 258	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91200 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91201

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 08:50
Sample Point:	02CF019 RM 258	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91201 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91202

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 08:55
Sample Point:	02DW020 RM 258	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91202 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91203

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 08:55
Sample Point:	02DW020 RM 258	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91203 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91204

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 08:55
Sample Point:	02DW020 RM 258	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91204 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91205

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 08:55
Sample Point:	02DW020 RM 258	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91205 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91206

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 08:40
Sample Point:	01CF003 RM 160	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91206 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91207

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 08:40
Sample Point:	01CF003 RM 160	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91207 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.026	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91208

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 08:40
Sample Point:	01CF003 RM 160	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91208 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91209

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:40
Sample Point:	01CF003 RM 160	Date Received:	11/09/2015	07:58
Water System:	Other	Purpose:	Other	

Sample Comment LF91209 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91210

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:25
Sample Point:	01DW002 RM 159	Date Received:	11/09/2015	07:58
Water System:	Other	Purpose:	Other	

Sample Comment LF91210 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91211

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:25
Sample Point:	01DW002 RM 159	Date Received:	11/09/2015	07:58
Water System:	Other	Purpose:	Other	

Sample Comment LF91211 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91212

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:25
Sample Point:	01DW002 RM 159	Date Received:	11/09/2015	07:58
Water System:	Other	Purpose:	Other	

Sample Comment LF91212 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91213

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:25
Sample Point:	01DW002 RM 159	Date Received:	11/09/2015	07:58
Water System:	Other	Purpose:	Other	

Sample Comment LF91213 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91214

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:15
Sample Point:	01CF008 RM 156	Date Received:	11/09/2015	07:58
Water System:	Other	Purpose:	Other	

Sample Comment LF91214 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91215

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:15
Sample Point:	01CF008 RM 156	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91215 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.035	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91216

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:15
Sample Point:	01CF008 RM 156	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91216 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91217

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:15
Sample Point:	01CF008 RM 156	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91217 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91218

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:45
Sample Point:	01DW004 RM 160	Date Received:	11/09/2015	07:58
Water System:	Other	Purpose:	Other	

Sample Comment LF91218 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.33	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91219

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 08:45
Sample Point:	01DW004 RM 160	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91219 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91220

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:45
Sample Point:	01DW004 RM 160	Date Received:	11/09/2015	07:58
Water System:	Other	Purpose:	Other	

Sample Comment LF91220 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91221

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:45
Sample Point:	01DW004 RM 160	Date Received:	11/09/2015	07:58
Water System:	Other	Purpose:	Other	

Sample Comment LF91221 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91222

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:00
Sample Point:	02CF021 RM 257	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91222 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF91223

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:00
Sample Point:	02CF021 RM 257	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91223 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.018	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91224

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 09:00
Sample Point:	02CF021 RM 257	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91224 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91225

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	09:00
Sample Point:	02CF021 RM 257	Date Received:	11/09/2015	07:58
Water System:	Other	Purpose:	Other	

Sample Comment LF91225 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91226

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:25
Sample Point:	01CF001 RM 159	Date Received:	11/09/2015	07:58
Water System:	Other	Purpose:	Other	

Sample Comment LF91226 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91227

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/L GRAHAM	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/07/2015	08:25
Sample Point:	01CF001 RM 159	Date Received:	11/09/2015	07:58
Water System:	Other	Purpose:	Other	

Sample Comment LF91227 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91228

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 08:25
Sample Point:	01CF001 RM 159	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91228 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91229

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DOYLE RYDER ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/L GRAHAM	Site Code:	F-02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/07/2015 08:25
Sample Point:	01CF001 RM 159	Date Received:	11/09/2015 07:58
Water System:	Other	Purpose:	Other

Sample Comment LF91229 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/12/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/12/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: DEQ-DWR-LABREPORTS
Sent: Thursday, December 10, 2015 3:00 PM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51101659
Attachments: 51101659.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91944

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:21
Sample Point:	KC005	Date Received:	11/16/2015 07:16
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91945

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:21
Sample Point:	KC005	Date Received:	11/16/2015 07:16
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91946

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:21
Sample Point:	KC005	Date Received:	11/16/2015 07:16
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

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MPN : Most Probable Number
CFU : Colony Forming Unit

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91947

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:21
Sample Point:	KC005	Date Received:	11/16/2015 07:16
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91948

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:21
Sample Point:	KC005	Date Received:	11/16/2015 07:16
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91949

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:21
Sample Point:	KC005	Date Received:	11/16/2015 07:16
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91950

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:21
Sample Point:	KC005	Date Received:	11/16/2015 07:17
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91951

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:21
Sample Point:	KC005	Date Received:	11/16/2015 07:17
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91952

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:21
Sample Point:	KC005	Date Received:	11/16/2015 07:17
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91953

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:21
Sample Point:	KC005	Date Received:	11/16/2015 07:17
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91954

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:31
Sample Point:	KC009	Date Received:	11/16/2015 07:17
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91955

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:31
Sample Point:	KC009	Date Received:	11/16/2015 07:17
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91956

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:31
Sample Point:	KC009	Date Received:	11/16/2015 07:17
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91957

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:31
Sample Point:	KC009	Date Received:	11/16/2015 07:17
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91958

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:31
Sample Point:	KC009	Date Received:	11/16/2015 07:17
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91959

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:31
Sample Point:	KC009	Date Received:	11/16/2015 07:17
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91960

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:34
Sample Point:	KC009	Date Received:	11/16/2015 07:17
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91961

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJK/GLK	Site Code:	CB8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:31
Sample Point:	KC009	Date Received:	11/16/2015 07:17
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91962

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:31
Sample Point:	KC009	Date Received:	11/16/2015 07:17
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91963

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:31
Sample Point:	KC009	Date Received:	11/16/2015 07:17
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: DEQ-DWR-LABREPORTS
Sent: Thursday, December 10, 2015 3:00 PM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51101660
Attachments: 51101660.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91964

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:25
Sample Point:	KC003	Date Received:	11/16/2015 07:27
Water System:	Other	Purpose:	Other

Sample Comment LF91964 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.53	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.121	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91965

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:25
Sample Point:	KC003	Date Received:	11/16/2015 07:27
Water System:	Other	Purpose:	Other

Sample Comment **LF91965** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.52	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91966

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	11/14/2015	08:25
Sample Point:	KC003	Date Received:	11/16/2015	07:27
Water System:	Other	Purpose:	Other	

Sample Comment **LF91966** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91967

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:25
Sample Point:	KC003	Date Received:	11/16/2015 07:27
Water System:	Other	Purpose:	Other

Sample Comment LF91967 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91968

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:20
Sample Point:	KC001	Date Received:	11/16/2015 07:27
Water System:	Other	Purpose:	Other

Sample Comment LF91968 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.26	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91969

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:20
Sample Point:	KC001	Date Received:	11/16/2015 07:27
Water System:	Other	Purpose:	Other

Sample Comment **LF91969** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91970

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:20
Sample Point:	KC001	Date Received:	11/16/2015 07:27
Water System:	Other	Purpose:	Other

Sample Comment LF91970 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91971

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:20
Sample Point:	KC001	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment LF91971 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91972

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:51
Sample Point:	KC006	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment LF91972 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91973

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	08:51
Sample Point:	KC006	Date Received:	11/16/2015	07:28
Water System:	Other	Purpose:	Other	

Sample Comment LF91973 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.39	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91974

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:51
Sample Point:	KC006	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment **LF91974** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.24	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91975

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:51
Sample Point:	KC006	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment LF91975 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91976

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:35
Sample Point:	KC004	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment **LF91976** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91977

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:35
Sample Point:	KC004	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment **LF91977** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91978

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:35
Sample Point:	KC004	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment **LF91978** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
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Sample Number
LF91979

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:35
Sample Point:	KC004	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment LF91979 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91980

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:41
Sample Point:	KC005	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment LF91980 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.29	11/19/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/19/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91981

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:41
Sample Point:	KC005	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment LF91981 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91982

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:41
Sample Point:	KC005	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment LF91982 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91983

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:41
Sample Point:	KC005	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment LF91983 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91984

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:48
Sample Point:	KC009	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment LF91984 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91985

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:48
Sample Point:	KC009	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment LF91985 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.35	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91986

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:48
Sample Point:	KC009	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment **LF91986** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF91987

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:48
Sample Point:	KC009	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment **LF91987** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91988

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/FLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:55
Sample Point:	DW002	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment LF91988 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.89	11/19/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.067	11/19/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91989

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:55
Sample Point:	DW002	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment **LF91989** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.46	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.020	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91990

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:55
Sample Point:	DW002	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment **LF91990** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.71	11/19/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.024	11/19/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91991

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:55
Sample Point:	DW002	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment LF91991 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/19/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/19/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF91992

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:05
Sample Point:	KC007	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment LF91992 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91993

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:05
Sample Point:	KC007	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment LF91993 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.025	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
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mg/L : milligrams / Liter (ppm)
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF91994

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:05
Sample Point:	KC007	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment LF91994 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
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Sample Number
LF91995

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:05
Sample Point:	KC007	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment LF91995 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91996

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:11
Sample Point:	KC008	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment **LF91996** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91997

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:11
Sample Point:	KC008	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment LF91997 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91998

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:11
Sample Point:	KC008	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment **LF91998** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF91999

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	CENTRAL KITCHEN,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:11
Sample Point:	KC008	Date Received:	11/16/2015 07:28
Water System:	Other	Purpose:	Other

Sample Comment LF91999 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: DEQ-DWR-LABREPORTS
Sent: Thursday, December 10, 2015 3:01 PM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51101661
Attachments: 51101661.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92000

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	CA1	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	11/14/2015	12:53
Sample Point:	01CF006 RM47	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.29	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF92001

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	CA2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:53
Sample Point:	01CF006 RM47	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.29	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF92002

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	CA3	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:53
Sample Point:	01CF006 RM47	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.28	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92003

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	CA4	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:53
Sample Point:	01CF006 RM47	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92004

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	CA5	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:53
Sample Point:	01CF006 RM47	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.28	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92005

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	CA6	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:53
Sample Point:	01CF006 RM47	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92006

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	CA7	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:53
Sample Point:	01CF006 RM47	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.28	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92007

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	CA8	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:53
Sample Point:	01CF006 RM47	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92008

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	CA9	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:53
Sample Point:	01CF006 RM47	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92009

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	CA10	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:53
Sample Point:	01CF006 RM47	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92010

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	CB-1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	13:03
Sample Point:	01CF021 INSTRUCTIONAL MATERIALS	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.12	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92011

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	CB-2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	13:03
Sample Point:	01CF021 INSTRUCTIONAL MATERIALS	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92012

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI- MOTT ELEMENTARY,FLII	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	CB-3	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	13:03
Sample Point:	01CF021 INSTRUCTIONAL MATERIALS	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92013

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI - MOTT ELEMENTARY,FLI	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	CB-4	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	13:03
Sample Point:	01CF021 INSTRUCTIONAL MATERIALS	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92014

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT - TUURI-MOTT ELEMENTARY,FLI	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	CB-5	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	13:03
Sample Point:	01CF021 INSTRUCTIONAL MATERIALS	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92015

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	CB-6	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	13:03
Sample Point:	01CF021 INSTRUCTIONAL MATERIALS	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92016

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	CB-7	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	13:03
Sample Point:	01CF021 INSTRUCTIONAL MATERIALS	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92017

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT - TUURI - MOTT ELEMENTA,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	CB-8	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	13:03
Sample Point:	01CF021 INSTRUCTIONAL MATERIALS	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92018

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	CB-9	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	13:03
Sample Point:	01CF021 INSTRUCTIONAL MATERIALS	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92019

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	CB-10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:03
Sample Point:	01CF021 INSTRUCTIONAL MATERIALS	Date Received:	11/16/2015 07:45
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92020

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	M PRYSBY/ J SHEKTER	Site Code:	CC-1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:16
Sample Point:	BCF048 RM 7	Date Received:	11/16/2015 07:45
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.43	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92021

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other	
Collected By:	M PRYSBY/ J SHEKTER	Site Code:	CC2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	13:16
Sample Point:	BCF048 RM7	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.40	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92022

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	M PRYSBY/ J SHEKTER	Site Code:	CC3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:16
Sample Point:	BCF048 RM7	Date Received:	11/16/2015 07:45
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.41	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92023

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	M PRYSBY/ J SHEKTER	Site Code:	CC4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:16
Sample Point:	BCF048 RM7	Date Received:	11/16/2015 07:45
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.40	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92024

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	M PRYSBY/ J SHEKTER	Site Code:	CC5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:16
Sample Point:	BCF048 RM7	Date Received:	11/16/2015 07:45
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.37	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92025

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	M PRYSBY/ J SHEKTER	Site Code:	CC6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:16
Sample Point:	BCF048 RM7	Date Received:	11/16/2015 07:45
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.35	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92026

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other	
Collected By:	M PRYSBY/ J SHEKTER	Site Code:	CC7	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	13:16
Sample Point:	BCF048 RM7	Date Received:	11/16/2015	07:45
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.32	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92027

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	M PRYSBY/ J SHEKTER	Site Code:	CC8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:16
Sample Point:	BCF048 RM7	Date Received:	11/16/2015 07:45
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.30	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92028

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	M PRYSBY/ J SHEKTER	Site Code:	CC9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:16
Sample Point:	BCF048 RM7	Date Received:	11/16/2015 07:45
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92029

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	M PRYSBY/ J SHEKTER	Site Code:	C10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:16
Sample Point:	BCF048 RM7	Date Received:	11/16/2015 07:45
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.23	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92030

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	TJD/ GLK	Site Code:	CD1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:00
Sample Point:	01KC041 - RM 53	Date Received:	11/16/2015 07:46
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92031

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	TJD / GLK	Site Code:	CD2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:00
Sample Point:	01KC041 - RM 53	Date Received:	11/16/2015 07:46
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92032

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	TJD / GLK	Site Code:	CD3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:00
Sample Point:	01KC041 - RM 53	Date Received:	11/16/2015 07:46
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92033

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	TJD / GLK	Site Code:	CD4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:00
Sample Point:	01KC041 - RM 53	Date Received:	11/16/2015 07:46
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92034

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	TJD / GLK	Site Code:	CD5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:00
Sample Point:	01KC041 - RM53	Date Received:	11/16/2015 07:46
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92035

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	TJD / GLK	Site Code:	CD6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:00
Sample Point:	01KC041 - RM53	Date Received:	11/16/2015 07:46
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92036

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	TJD/GLK	Site Code:	CD7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:00
Sample Point:	01KC041 - RM 53	Date Received:	11/16/2015 07:46
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92037

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	TJD/GLK	Site Code:	CD8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:00
Sample Point:	01KC041 - RM53	Date Received:	11/16/2015 07:46
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92038

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	TJD/GLK	Site Code:	CD9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:00
Sample Point:	01KC041 - RM53	Date Received:	11/16/2015 07:46
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92039

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	TJD / GLK	Site Code:	CD10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:00
Sample Point:	01KC041 - RM53	Date Received:	11/16/2015 07:46
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92040

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	TJD / GLK	Site Code:	CE1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:15
Sample Point:	01CF030 - RM59	Date Received:	11/16/2015 07:46
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.42	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92041

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	TJD / GLK	Site Code:	CE2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:15
Sample Point:	01CF030 - RM59	Date Received:	11/16/2015 07:46
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.30	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92042

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	TJD / GLK	Site Code:	CE3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:15
Sample Point:	01CF030 - RM 59	Date Received:	11/16/2015 07:46
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92043

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	TJD/GLK	Site Code:	CE4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:15
Sample Point:	01CF030 - RM59	Date Received:	11/16/2015 07:46
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92044

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	TJD / GLK	Site Code:	CE5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:15
Sample Point:	01CF030- RM59	Date Received:	11/16/2015 07:46
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92045

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	TJD / GLK	Site Code:	CE6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:15
Sample Point:	01CF030 - RM 59	Date Received:	11/16/2015 07:46
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92046

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	TJD/GLK	Site Code:	CE7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:15
Sample Point:	01CF030 - RM 59	Date Received:	11/16/2015 07:46
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92047

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	TJD / GLK	Site Code:	CE8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:15
Sample Point:	01CF030 - RM 59	Date Received:	11/16/2015 07:46
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92048

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other	
Collected By:	TJD / GLK	Site Code:	CE9	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	13:15
Sample Point:	01CF030 - RM 59	Date Received:	11/16/2015	07:46
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92049

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT - TUURI - MOTT ELEMENTAR,FLI	Source:	Other
Collected By:	TJD/GLK	Site Code:	CE10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 13:15
Sample Point:	01CF030 - RM59	Date Received:	11/16/2015 07:46
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: DEQ-DWR-LABREPORTS
Sent: Thursday, December 10, 2015 3:02 PM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51101662
Attachments: 51101662.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92050

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:41
Sample Point:	01DW014 RM 36	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92050 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92051

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:41
Sample Point:	01DW014 RM 36	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92051 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92052

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:41
Sample Point:	01DW014 RM 36	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92052 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92053

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:43
Sample Point:	01DW014 RM 36	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92053 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92054

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:36
Sample Point:	01CF013 RM 36	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92054 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.42	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92055

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:36
Sample Point:	01CF013 RM 36	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92055 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.36	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92056

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:36
Sample Point:	01CF013 RM 36	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92056 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92057

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:38
Sample Point:	01CF013 RM 36	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92057 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92058

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:03
Sample Point:	01DW017 RM 34	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92058 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92059

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:03
Sample Point:	01DW017 RM 34	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92059 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92060

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 10:03
Sample Point:	01DW017 RM 34	Date Received:	11/16/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF92060 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92061

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 10:06
Sample Point:	01DW017 RM 34	Date Received:	11/16/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF92061 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92062

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:52
Sample Point:	01KC015 OFFICE	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92062 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.82	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92063

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:52
Sample Point:	01KC015 OFFICE	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92063 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.81	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92064

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:52
Sample Point:	01KC015 OFFICE	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92064 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.71	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92065

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:54
Sample Point:	01KC015 OFFICE	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92065 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.60	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92066

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:09
Sample Point:	01CF016 RM 34	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92066 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92067

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:09
Sample Point:	01CF016 RM 34	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92067 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92068

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	STEVE PRYSBY/J SHEKTER	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:09
Sample Point:	01CF016 RM 34	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92068 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92069

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 10:11
Sample Point:	01CF016 RM 34	Date Received:	11/16/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF92069 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92070

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:33
Sample Point:	01CF021 ISTR MAT CTR	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92070 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92071

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:33
Sample Point:	01CF021 ISTR MAT CTR	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92071 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.33	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.022	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92072

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:33
Sample Point:	01CF021 ISTR MAT CTR	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92072 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.49	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92073

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:35
Sample Point:	01CF021 INSTR MAT CTR	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92073 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92074

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:39
Sample Point:	01KC041 RM 53	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92074 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.24	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92075

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:39
Sample Point:	01KC041 RM53	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92075 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92076

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:40
Sample Point:	01KC041 RM 53	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92076 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92077

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:42
Sample Point:	01KC041 RM 53	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92077 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92078

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 10:46
Sample Point:	BDW043 HALL BET RM 2 & STAIR	Date Received:	11/16/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF92078 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.70	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.032	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92079

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:46
Sample Point:	BDW043 HALL BET RM 2 & STAIR	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment **LF92079** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.23	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92080

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:46
Sample Point:	BDW043 HALL BET RM 2 & STAIR	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment **LF92080** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92081

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 10:48
Sample Point:	BDW043 HALL BET RM 2 & STAIR	Date Received:	11/16/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF92081 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.026	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92082

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	L GRAHAM/J SCHINDERLE	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 12:17
Sample Point:	01DW038 HALLWAY BETWEEN 78 & 79	Date Received:	11/16/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF92082 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.049	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92083

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM/J SCHINDERLE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:17
Sample Point:	01DW038 HALLWAY BETWEEN 78 & 79	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92083 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.34	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92084

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM/J SCHINDERLE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:18
Sample Point:	01DW038 HALLWAY BETWEEN 78 & 79	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92084 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92085

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM/J SCHINDERLE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:20
Sample Point:	01DW038 HALLWAY BETWEEN 78 & 79	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92085 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92086

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:34
Sample Point:	01KC040 RM 53	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment **LF92086** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.34	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92087

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:34
Sample Point:	01KC040 RM 53	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92087 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.38	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92088

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:35
Sample Point:	01KC040 RM 53	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment **LF92088** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92089

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:37
Sample Point:	01KC040 RM 53	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92089 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92090

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:56
Sample Point:	02WC053 ACROSS RM 25	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92090 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92091

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:56
Sample Point:	02WC053 ACROSS RM 25	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92091 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92092

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	L GRAHAM/J SHINDERLE	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 11:57
Sample Point:	02WC053 ACROSS RM 25	Date Received:	11/16/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF92092 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92093

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:59
Sample Point:	02WC053 ACROSS RM 25	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92093 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92094

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:18
Sample Point:	BDW048A RM 7	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92094 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.62	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.059	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92095

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:18
Sample Point:	BDW048A RM 7	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92095 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.74	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.023	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92096

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:19
Sample Point:	BDW048A RM 7	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment **LF92096** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.44	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92097

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:21
Sample Point:	BDW048A RM 7	Date Received:	11/16/2015	08:12
Water System:	Other	Purpose:	Other	

Sample Comment LF92097 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.42	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92098

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 11:23
Sample Point:	BCF048 RM 7	Date Received:	11/16/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF92098 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.47	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92099

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 11:23
Sample Point:	BCF048 RM 7	Date Received:	11/16/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF92099 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.45	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92100

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 11:24
Sample Point:	BCF048 RM 7	Date Received:	11/16/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF92100 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.43	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF92101

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:26
Sample Point:	BCF048 RM 7	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92101 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.35	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92102

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:38
Sample Point:	01KC049 RM 13	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92102 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	14.2	11/19/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.215	11/19/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92103

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:38
Sample Point:	01KC049 RM 13	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92103 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	2.20	11/19/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.052	11/19/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92104

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:39
Sample Point:	01KC049 RM 13	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92104 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.015	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92105

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 11:41
Sample Point:	01KC049 RM 13	Date Received:	11/16/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF92105 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92106

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & SHINDERLE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:59
Sample Point:	BCF045 RM 3	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92106 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.51	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.024	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92107

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:59
Sample Point:	BCF045 RM 3	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92107 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.33	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.040	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92108

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 11:00
Sample Point:	BCF045 RM 3	Date Received:	11/16/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF92108 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF92109

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 11:02
Sample Point:	BCF045 RM 3	Date Received:	11/16/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF92109 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92110

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:45
Sample Point:	BCF042 RM 2	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92110 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92111

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:45
Sample Point:	BCF042 RM 2	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92111 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.015	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF92112

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:46
Sample Point:	BCF042 RM 2	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92112 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92113

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:48
Sample Point:	BCF042 RM 2	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92113 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92114

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:18
Sample Point:	01DW020 RM 32	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92114 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.39	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.072	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92115

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:18
Sample Point:	01DW020 RM 32	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92115 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92116

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:19
Sample Point:	01DW020 RM 32	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92116 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92117

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:21
Sample Point:	01DW020 RM 32	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92117 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92118

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:46
Sample Point:	01CF010 RM 39	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment **LF92118** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.49	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.074	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92119

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:46
Sample Point:	0CF010 RM 39	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment **LF92119** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.39	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.015	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92120

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:47
Sample Point:	01CF010 RM 39	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92120 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.40	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.018	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92121

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:49
Sample Point:	0CF010 RM 39	Date Received:	11/16/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF92121 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.29	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92122

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:59
Sample Point:	01DW018 HALL RIGHT OF 34	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92122 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF92123

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:59
Sample Point:	01DW018 HALL RIGHT OF 34	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92123 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92124

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:00
Sample Point:	0DW018 HALL RIGHT OF 34	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92124 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92125

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:02
Sample Point:	01DW018 HALL RIGHT OF 34	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92125 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF92126

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:12
Sample Point:	01CF019 RM 32	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment **LF92126** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.38	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92127

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:12
Sample Point:	01CF019 RM 32	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment **LF92127** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Sample Number
LF92128

Official Laboratory Report

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525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:13
Sample Point:	01CF019 RM 32	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92128 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92129

Official Laboratory Report

Report To: STEVE BUSCH
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LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:15
Sample Point:	01CF019 RM 32	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92129 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Sample Number
LF92130

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:14
Sample Point:	01CF011 RM 38	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment **LF92130** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92131

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:14
Sample Point:	01CF011 RM 38	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92131 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92132

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:15
Sample Point:	01CF011 RM 38	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92132 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92133

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:17
Sample Point:	01CF011 RM 38	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92133 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92134

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:19
Sample Point:	01DW012 RM 38	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92134 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.020	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92135

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:19
Sample Point:	01DW012 RM 38	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92135 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92136

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:20
Sample Point:	01DW012 RM 38	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92136 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF92137

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:22
Sample Point:	01DW012 RM 38	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92137 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF92138

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:30
Sample Point:	01KC008 LOUNGE	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92138 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92139

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:30
Sample Point:	01KC008 LOUNGE	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92139 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92140

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:31
Sample Point:	01KC008 LOUNGE	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92140 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92141

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:33
Sample Point:	01KC008 LOUNGE	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92141 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92142

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:01
Sample Point:	01DW003 HALL BTW POOL GYM	Date Received:	11/16/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF92142 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92143

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:01
Sample Point:	01DW003 HALL BTW POOL GYM	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92143 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92144

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 09:02
Sample Point:	01DW003 HALL BTW POOL GYM	Date Received:	11/16/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF92144 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92145

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:04
Sample Point:	01DW003 HALL BTW POOL GYM	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92145 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92146

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	08:56
Sample Point:	01DW002 HALL BTW POOL GYM	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92146 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/19/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.016	11/19/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92147

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	08:56
Sample Point:	01DW002 HALL BTW POOL GYM	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92147 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/19/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/19/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92148

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	08:57
Sample Point:	01DW002 HALL BTW POOL GYM	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92148 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92149

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	08:59
Sample Point:	01DW002 HALL BTW POOL GYM	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92149 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92150

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	08:42
Sample Point:	01DW005 LEFT OF DHHS	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92150 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92151

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	08:42
Sample Point:	01DW005 LEFT OF DHHS	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92151 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.28	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92152

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	08:43
Sample Point:	01DW005 LEFT OF DHHS	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92152 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92153

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	L GRAHAM & J SHINDERLE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	08:45
Sample Point:	01DW005 LEFT OF DHHS	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92153 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92154

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:42
Sample Point:	01WC051 RIGHT OF RM 19	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment **LF92154** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92155

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 11:42
Sample Point:	01WC051 RIGHT OF RM 19	Date Received:	11/16/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF92155 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92156

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:42
Sample Point:	01WC051 RIGHT OF RM 19	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92156 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
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TEL: (517) 335-8184
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Sample Number
LF92157

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 11:44
Sample Point:	01WC051 RIGHT OF RM 19	Date Received:	11/16/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF92157 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92158

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:55
Sample Point:	01CF033- RM 58	Date Received:	11/16/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF92158 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.49	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92159

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:55
Sample Point:	01CF033- RM 58	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92159 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.28	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF92160

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:55
Sample Point:	01CF033- RM 58	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92160 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92161

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:55
Sample Point:	01CF033- RM 58	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92161 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92162

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:55
Sample Point:	01DW026- RM 62	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92162 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	23.6	11/19/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	2.856	11/19/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92163

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:55
Sample Point:	01DW026- RM 62	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92163 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	16.9	11/19/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	2.204	11/19/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92164

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:55
Sample Point:	01DW026- RM 62	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92164 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	2.71	11/19/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.219	11/19/2015	0.001	0.015	EPA 200.8	7439-92-1

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CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
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Sample Number
LF92165

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:55
Sample Point:	01DW026- RM 62	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92165 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.44	11/19/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.027	11/19/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92166

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:25
Sample Point:	01DW022- ROOM 69 HALLWAY	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92166 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.87	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.115	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92167

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:25
Sample Point:	01DW022 ROOM 69 HALLWAY	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92167 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.74	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.058	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92168

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:25
Sample Point:	01DW022 ROOM 69 HALLWAY	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92168 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92169

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:25
Sample Point:	01DW022 ROOM 69 HALLWAY	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92169 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92170

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:06
Sample Point:	BDW047 HALL ACROSS FROM RAMP	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92170 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.027	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92171

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:06
Sample Point:	BDW047 HALL ACROSS FROM RAMP	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92171 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.018	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92172

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 11:06
Sample Point:	BDW047 HALL ACROSS FROM RAMP	Date Received:	11/16/2015 08:14
Water System:	Other	Purpose:	Other

Sample Comment LF92172 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.023	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92173

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:08
Sample Point:	BDW047 HALL ACROSS FROM RAMP	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92173 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92174

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:45
Sample Point:	01DW032- RM 75	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92174 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	4.08	11/19/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.608	11/19/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92175

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:45
Sample Point:	01DW032- RM 75	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92175 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	3.60	11/19/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.375	11/19/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92176

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:45
Sample Point:	01DW032- RM 75	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92176 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.33	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.045	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92177

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:45
Sample Point:	01DW032- RM 75	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92177 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92178

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 11:00
Sample Point:	01CF027- RM 62	Date Received:	11/16/2015 08:14
Water System:	Other	Purpose:	Other

Sample Comment LF92178 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.57	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92179

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 11:00
Sample Point:	01CF027- RM 62	Date Received:	11/16/2015 08:14
Water System:	Other	Purpose:	Other

Sample Comment LF92179 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.33	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92180

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 11:00
Sample Point:	01CF027- RM 62	Date Received:	11/16/2015 08:14
Water System:	Other	Purpose:	Other

Sample Comment LF92180 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.36	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92181

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:00
Sample Point:	01CF027- RM 62	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92181 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92182

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:41
Sample Point:	01CF024 RM 70	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92182 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.35	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.025	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92183

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:41
Sample Point:	01CF024 RM 70	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92183 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.39	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.021	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF92184

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:41
Sample Point:	01CF024 RM 70	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92184 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.35	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92185

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:41
Sample Point:	01CF024 RM 70	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92185 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92186

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:51
Sample Point:	02WC052 ACROSS FROM RM 24	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92186 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF92187

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:51
Sample Point:	02WC052 ACROSS FROM RM 24	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92187 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92188

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:51
Sample Point:	02WC052 ACROSS FROM RM 24	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92188 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92189

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:53
Sample Point:	02WC052 ACROSS FROM RM 24	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92189 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92190

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:41
Sample Point:	01CF031- RM 75	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92190 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.72	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92191

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:41
Sample Point:	01CF031- RM 75	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92191 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.41	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92192

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:41
Sample Point:	01CF031- RM 75	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92192 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92193

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:41
Sample Point:	01CF031- RM 75	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92193 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92194

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:05
Sample Point:	01CF028- RM 72	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92194 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.38	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.015	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92195

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:05
Sample Point:	01CF028- RM 72	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92195 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.48	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92196

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:05
Sample Point:	01CF028- RM 72	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92196 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.39	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92197

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:05
Sample Point:	01CF028- RM 72	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92197 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF92198

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:45
Sample Point:	01CF023- RM 64	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92198 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.38	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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Sample Number
LF92199

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:45
Sample Point:	01CF023- RM 64	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92199 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.29	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92200

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:45
Sample Point:	01CF023- RM 64	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92200 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.70	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92201

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:45
Sample Point:	01CF023- RM 64	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92201 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92202

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:11
Sample Point:	01CF035- RM 77	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92202 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.59	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.018	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92203

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:11
Sample Point:	01CF035- RM 77	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92203 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92204

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:11
Sample Point:	01CF035- RM 77	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92204 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92205

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 12:11
Sample Point:	01CF035- RM 77	Date Received:	11/16/2015 08:14
Water System:	Other	Purpose:	Other

Sample Comment LF92205 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92206

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:15
Sample Point:	01CF029- RM 61	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92206 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.52	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92207

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:15
Sample Point:	01CF029- RM 61	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92207 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.34	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92208

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:15
Sample Point:	01CF029- RM 61	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92208 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.51	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92209

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 11:15
Sample Point:	01CF029- RM 61	Date Received:	11/16/2015 08:14
Water System:	Other	Purpose:	Other

Sample Comment LF92209 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92210

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:25
Sample Point:	01CF030- RM 59	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92210 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.75	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92211

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:25
Sample Point:	01CF030- RM 59	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92211 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	2.17	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92212

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:25
Sample Point:	01CF030- RM 59	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92212 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.64	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92213

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:25
Sample Point:	01CF030- RM 59	Date Received:	11/16/2015	08:14
Water System:	Other	Purpose:	Other	

Sample Comment LF92213 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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Sample Number
LF92214

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:51
Sample Point:	01DW025- RM 70	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92214 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.26	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.020	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92215

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:51
Sample Point:	01DW025- RM 70	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92215 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.29	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.016	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92216

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:51
Sample Point:	01DW025- RM 70	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92216 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92217

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:51
Sample Point:	01DW025- RM 70	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92217 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF92218

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:13
Sample Point:	01DW036- RM 77	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92218 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.46	11/19/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.048	11/19/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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Sample Number
LF92219

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:13
Sample Point:	01DW036- RM 77	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92219 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92220

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:13
Sample Point:	01DW036- RM 77	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92220 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92221

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:13
Sample Point:	01 DW036 RM77	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92221 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92222

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 08:53
Sample Point:	01DW007 RM 47	Date Received:	11/16/2015 08:15
Water System:	Other	Purpose:	Other

Sample Comment LF92222 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.35	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.044	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF92223

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	08:53
Sample Point:	01DW007 RM 47	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92223 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.30	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF92224

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	08:53
Sample Point:	01DW007 RM 47	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92224 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.36	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF92225

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	08:55
Sample Point:	01DW007 RM 47	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92225 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.28	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92226

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	J SHEKTER/M PRYSBY	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	08:32
Sample Point:	01DW001 POOL AREA	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92226 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.70	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF92227

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	J SHEKTER/M PRYSBY	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015
Sample Point:	01DW001 POOL AREA	Date Received:	11/16/2015 08:15
Water System:	Other	Purpose:	Other

Sample Comment LF92227 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.74	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF92228

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	J SHEKTER/M PRYSBY	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015
Sample Point:	01DW001 POOL AREA	Date Received:	11/16/2015 08:15
Water System:	Other	Purpose:	Other

Sample Comment LF92228 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.35	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92229

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	J SHEKTER/M PRYSBY	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015
Sample Point:	01DW001 POOL AREA	Date Received:	11/16/2015 08:15
Water System:	Other	Purpose:	Other

Sample Comment LF92229 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92230

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	08:50
Sample Point:	01CF006 RM 47	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92230 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.28	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.112	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF92231

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	08:50
Sample Point:	01CF006 RM 47	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92231 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.023	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92232

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	08:50
Sample Point:	01CF006 RM 47	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92232 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF92233

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	08:52
Sample Point:	01CF006 RM 47	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92233 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.28	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF92234

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:25
Sample Point:	01CF039- RM 79	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92234 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	11/19/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.020	11/19/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF92235

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:25
Sample Point:	01CF039- RM 79	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92235 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.016	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92236

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:25
Sample Point:	01CF039- RM 79	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92236 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92237

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:25
Sample Point:	01CF039- RM 79	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92237 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF92238

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:30
Sample Point:	01DW050 ACROSS FROM RM 13	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92238 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92239

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:30
Sample Point:	01DW050 ACROSS FROM RM 13	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92239 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92240

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:30
Sample Point:	01DW050 ACROSS FROM RM 13	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92240 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/17/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/17/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92241

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:32
Sample Point:	01DW050 ACROSS FROM RM 13	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92241 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92242

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:23
Sample Point:	01CF037 RM 78	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92242 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.88	11/19/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.032	11/19/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92243

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:23
Sample Point:	01CF037 RM 78	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92243 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.39	11/19/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.042	11/19/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92244

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:23
Sample Point:	01CF037 RM 78	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92244 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92245

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:25
Sample Point:	01CF037 RM 78	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92245 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92246

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 11:09
Sample Point:	BDW046 HALL ACROSS FROM RAMP	Date Received:	11/16/2015 08:15
Water System:	Other	Purpose:	Other

Sample Comment LF92246 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.016	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92247

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:09
Sample Point:	BDW046 HALL ACROSS FROM RAMP	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment **LF92247** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.015	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92248

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 11:09
Sample Point:	BDW046 HALL ACROSS FROM RAMP	Date Received:	11/16/2015 08:15
Water System:	Other	Purpose:	Other

Sample Comment LF92248 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92249

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	11:11
Sample Point:	BDW046 HALL ACROSS FROM RAMP	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92249 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92250

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:25
Sample Point:	01CF009 RM 39	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92250 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92251

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:25
Sample Point:	01CF009 RM 39	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92251 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92252

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F-01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:25
Sample Point:	01CF009 RM 39	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92252 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92253

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F-02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:27
Sample Point:	01CF009 RM 39	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92253 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92254

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:07
Sample Point:	01KC004 KITCHEN	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92254 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.30	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92255

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:07
Sample Point:	01KC004 KITCHEN	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92255 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92256

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:07
Sample Point:	01KC004 KITCHEN	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92256 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92257

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	09:09
Sample Point:	01KC004 KITCHEN	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92257 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92258

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:51
Sample Point:	BDW044 HALL BET RM 2 & STAIR	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment **LF92258** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.59	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.039	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92259

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:51
Sample Point:	BDW044 HALL BET RM 2 & STAIRS	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92259 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.029	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92260

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	10:51
Sample Point:	BDW044 HALL BET RM 2 & STAIR	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92260 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.038	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92261

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other
Collected By:	M PRYSBY/J SHEKTER	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/14/2015 10:53
Sample Point:	BDW044 HALL BET RM 2 & STAIR	Date Received:	11/16/2015 08:15
Water System:	Other	Purpose:	Other

Sample Comment LF92261 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF92262

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:01
Sample Point:	01CF034- RM 76	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92262 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.37	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92263

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:01
Sample Point:	01CF034- 76	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92263 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF92264

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:01
Sample Point:	01CF034- RM 76	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92264 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
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Sample Number
LF92265

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	DURANT-TUURI-MOTT ELEMENTARY,FLIN	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/14/2015	12:01
Sample Point:	01CF034- RM 76	Date Received:	11/16/2015	08:15
Water System:	Other	Purpose:	Other	

Sample Comment LF92265 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/18/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/18/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: DEQ-DWR-LABREPORTS
Sent: Thursday, December 10, 2015 3:21 PM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51102546
Attachments: 51102546.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93095

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:41
Sample Point:	02KC001- DHHS OFFICE	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.26	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93096

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:41
Sample Point:	02KC001- DHHS OFFICE	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.24	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93097

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA3	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:41
Sample Point:	02KC001- DHHS OFFICE	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93098

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA4	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:41
Sample Point:	02KC001- DHHS OFFICE	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93099

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA5	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:41
Sample Point:	02KC001- DHHS OFFICE	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93100

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA6	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:41
Sample Point:	02KC001- DHHS OFFICE	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93101

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA7	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:41
Sample Point:	02KC001- DHHS OFFICE	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93102

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA8	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:41
Sample Point:	02KC001- DHHS OFFICE	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93103

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA9	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:41
Sample Point:	02KC001- DHHS OFFICE	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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RL : Reporting Limit

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93104

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CA10	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:41
Sample Point:	02KC001- DHHS OFFICE	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93105

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:55
Sample Point:	01KC040- KITCHEN	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93106

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:55
Sample Point:	01KC040- KITCHEN	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93107

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:55
Sample Point:	01KC040- KITCHEN	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93108

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:55
Sample Point:	01KC040- KITCHEN	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
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Sample Number
LF93109

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:55
Sample Point:	01KC040- KITCHEN	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93110

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:55
Sample Point:	01KC040- KITCHEN	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93111

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:55
Sample Point:	01KC040- KITCHEN	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93112

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:55
Sample Point:	01KC040- KITCHEN	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93113

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:55
Sample Point:	01KC040- KITCHEN	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93114

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CB10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:55
Sample Point:	01KC040- KITCHEN	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93115

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	CC1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	12:18
Sample Point:	01KC006	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93116

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	CC2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 12:18
Sample Point:	01KC006	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93117

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	CC3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 12:18
Sample Point:	01KC006	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93118

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	CC4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 12:18
Sample Point:	01KC006	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93119

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	CC5	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	12:18
Sample Point:	01KC006	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93120

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	CC6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 12:18
Sample Point:	01KC006	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93121

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	CC7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 12:18
Sample Point:	01KC006	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93122

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	CC8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 12:18
Sample Point:	01KC006	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93123

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	CC9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 12:18
Sample Point:	01KC006	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93124

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	CC10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 12:18
Sample Point:	01KC006	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93125

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CD1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	12:15
Sample Point:	01SP041	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.34	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93126

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CD2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	12:15
Sample Point:	01SP041	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93127

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CD3	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	12:15
Sample Point:	01SP041	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93128

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CD4	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	12:15
Sample Point:	01SP041	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93129

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CD5	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	12:15
Sample Point:	01SP041	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93130

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CD6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 12:15
Sample Point:	01SP041	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93131

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CD7	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	12:15
Sample Point:	01SP041	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93132

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CD8	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	12:15
Sample Point:	01SP041	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93133

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CD9	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	12:15
Sample Point:	01SP041	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

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Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF93134

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CD10	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	12:15
Sample Point:	01SP041	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93135

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	CE1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 12:30
Sample Point:	01CF025	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93136

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	CE2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	12:30
Sample Point:	01CF025	Date Received:	11/23/2015	07:25
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
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mg/L : milligrams / Liter (ppm)
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93137

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	CE3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 12:30
Sample Point:	01CF025	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93138

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	CE4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 12:30
Sample Point:	01CF025	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93139

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	CE5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 12:30
Sample Point:	01CF025	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93140

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	CE6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 12:30
Sample Point:	01CF025	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93141

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	CE7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 12:30
Sample Point:	01CF025	Date Received:	11/23/2015 07:25
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF93142

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	CE8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 12:30
Sample Point:	01CF025	Date Received:	11/23/2015 07:26
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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TEL: (517) 335-8184
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Sample Number
LF93143

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	CE9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 12:30
Sample Point:	01CF025	Date Received:	11/23/2015 07:26
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93144

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	CE10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 12:30
Sample Point:	01CF025	Date Received:	11/23/2015 07:26
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93145

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CF1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	12:25
Sample Point:	01CF039	Date Received:	11/23/2015	07:26
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93146

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CF2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	12:25
Sample Point:	01CF039	Date Received:	11/23/2015	07:26
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93147

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CF3	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	12:25
Sample Point:	01CF039	Date Received:	11/23/2015	07:26
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93148

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CF4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 12:25
Sample Point:	01CF039	Date Received:	11/23/2015 07:26
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93149

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CF5	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	12:25
Sample Point:	01CF039	Date Received:	11/23/2015	07:26
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93150

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CF6	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	12:25
Sample Point:	01CF039	Date Received:	11/23/2015	07:26
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93151

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CF7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 12:25
Sample Point:	01CF039	Date Received:	11/23/2015 07:26
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93152

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CF8	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	12:25
Sample Point:	01CF039	Date Received:	11/23/2015	07:26
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93153

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CF9	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	12:25
Sample Point:	01CF039	Date Received:	11/23/2015	07:26
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93154

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	CF10	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	12:25
Sample Point:	01CF039	Date Received:	11/23/2015	07:26
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: DEQ-DWR-LABREPORTS
Sent: Thursday, December 10, 2015 3:22 PM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51102549
Attachments: 51102549.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93155

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:57
Sample Point:	01CF016 ROOM 104	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93155 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.015	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93156

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	09:57
Sample Point:	01CF016 ROOM 104	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93156 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93157

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:57
Sample Point:	01CF016 ROOM 104	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93157 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93158

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	09:57
Sample Point:	01CF016 ROOM 104	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93158 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
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TEL: (517) 335-8184
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Sample Number
LF93159

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:10
Sample Point:	01CF019 ROOM 107	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93159 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.016	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93160

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:10
Sample Point:	01CF019 ROOM 107	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93160 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93161

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 10:10
Sample Point:	01CF019 ROOM 107	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93161 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93162

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:10
Sample Point:	01CF019 ROOM 107	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93162 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93163

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:23
Sample Point:	01DW008 ROOM 101	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93163 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93164

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	09:23
Sample Point:	01DW008 ROOM 101	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93164 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93165

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:23
Sample Point:	01DW008 ROOM 101	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93165 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93166

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	09:23
Sample Point:	01DW008	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93166 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Sample Number
LF93167

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:53
Sample Point:	01DW015 ROOM 104	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93167 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Sample Number
LF93168

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	09:53
Sample Point:	01DW015 ROOM 104	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93168 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93169

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:53
Sample Point:	01DW015 ROOM 104	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93169 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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mg/L : milligrams / Liter (ppm)
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CFU : Colony Forming Unit

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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93170

Official Laboratory Report

Report To: STEVE BUSCH
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LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:53
Sample Point:	01DW015 ROOM 104	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93170 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93171

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:40
Sample Point:	01DW012 LIBRARY	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93171 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.030	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93172

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:40
Sample Point:	01DW012 LIBRARY	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93172 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93173

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:40
Sample Point:	01DW012 LIBRARY	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93173 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93174

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:40
Sample Point:	01DW012 LIBRARY	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93174 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93175

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	09:35
Sample Point:	01CF011 LIBRARY	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93175 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.48	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.314	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93176

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:35
Sample Point:	01CF011 LIBRARY	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93176 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.56	12/01/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.247	12/01/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF93177

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:35
Sample Point:	01CF011 LIBRARY	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93177 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93178

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	09:35
Sample Point:	01CF011 LIBRARY	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93178 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93179

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	09:00
Sample Point:	01DW004 NEXT TO GYM	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93179 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.016	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93180

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:00
Sample Point:	01DW004 NEXT TO GYM	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93180 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.019	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93181

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	09:00
Sample Point:	01DW004 NEXT TO GYM	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93181 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93182

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:00
Sample Point:	01DW004 NEXT TO GYM	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93182 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93183

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	09:18
Sample Point:	01CF007 ROOM 101	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93183 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.029	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

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CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93184

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	09:18
Sample Point:	01CF007 ROOM 101	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93184 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.016	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93185

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:18
Sample Point:	01CF007 ROOM 101	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93185 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93186

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/15/2015	09:18
Sample Point:	01CF007 ROOM 101	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93186 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93187

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:40
Sample Point:	01DW002 HALL TO RIGHT OF OFC	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93187 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93188

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 08:40
Sample Point:	01DW002 HALL TO RIGHT OT OFC	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93188 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93189

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:40
Sample Point:	01DW002 HALL TO RIGHT OF OFC	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93189 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93190

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 08:40
Sample Point:	01DW002 HALL TO RIGHT OF OFC	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93190 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93191

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:55
Sample Point:	01DW003 NEXT TO GYM	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93191 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93192

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 08:55
Sample Point:	01DW003 NEXT TO GYM	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93192 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93193

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 08:55
Sample Point:	01DW003 NEXT TO GYM	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93193 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93194

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 08:55
Sample Point:	01DW003 NEXT TO GYM	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93194 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93195

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:35
Sample Point:	01DW001 HALL TO RIGHT OF OFFICE	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93195 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93196

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:35
Sample Point:	01DW001 HALL TO RIGHT OF OFFICE	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93196 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.39	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93197

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:35
Sample Point:	01DW001 HALL TO RIGHT OF OFFICE	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93197 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93198

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:35
Sample Point:	01DW001 HALL TO RIGHT OF OFFICE	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93198 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93199

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 08:22
Sample Point:	01KC040 KITCHEN	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93199 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93200

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 08:22
Sample Point:	01KC040 KITCHEN	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93200 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.021	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93201

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:22
Sample Point:	01KC040 KITCHEN	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93201 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93202

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 08:22
Sample Point:	01KC040 KITCHEN	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93202 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93203

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:30
Sample Point:	01DW038 ROOM 116	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93203 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.025	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93204

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:30
Sample Point:	01DW038 ROOM 116	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93204 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93205

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	11:30
Sample Point:	01DW038 ROOM 116	Date Received:	11/23/2015	08:09
Water System:	Other	Purpose:	Other	

Sample Comment LF93205 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93206

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:30
Sample Point:	01DW038 ROOM 116	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93206 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93207

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:33
Sample Point:	01CF039 ROOM 116	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93207 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.56	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.342	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93208

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:33
Sample Point:	01CF039 ROOM 116	Date Received:	11/23/2015 08:09
Water System:	Other	Purpose:	Other

Sample Comment LF93208 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93209

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	11:33
Sample Point:	01CF039 ROOM 116	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93209 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93210

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:33
Sample Point:	01CF039 ROOM 116	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93210 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93211

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:00
Sample Point:	01DW030 ROOM 112	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93211 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.018	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93212

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:00
Sample Point:	01DW030 ROOM 112	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93212 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93213

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:00
Sample Point:	01DW030 ROOM 112	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93213 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93214

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:00
Sample Point:	01DW030 ROOM 112	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93214 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93215

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:28
Sample Point:	01CF024 ROOM 108	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93215 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93216

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:28
Sample Point:	01CF024 ROOM 108	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93216 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93217

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:28
Sample Point:	01CF024 ROOM 108	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93217 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93218

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:28
Sample Point:	01CF024 ROOM 108	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93218 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93219

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 10:44
Sample Point:	01CF027 COPY ROOM	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93219 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.34	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93220

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:44
Sample Point:	01CF027 COPY ROOM	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93220 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.39	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF93221

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 10:44
Sample Point:	01CF027 COPY ROOM	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93221 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93222

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 10:44
Sample Point:	01CF027 COPY ROOM	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93222 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93223

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:18
Sample Point:	01CF035 ROOM 115	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93223 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.42	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93224

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	11:18
Sample Point:	01CF035 ROOM 115	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93224 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93225

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	11:18
Sample Point:	01CF035 ROOM 115	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93225 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93226

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:18
Sample Point:	01CF035 ROOM 115	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93226 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF93227

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 10:25
Sample Point:	01DW023 ROOM 108	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93227 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93228

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:25
Sample Point:	01DW023 ROOM 108	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93228 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93229

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 10:25
Sample Point:	01DW023 ROOM 108	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93229 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93230

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 10:25
Sample Point:	01DW023 ROOM 108	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93230 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93231

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:15
Sample Point:	01DW034 ROOM 115	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93231 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.26	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.020	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93232

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:15
Sample Point:	01DW034 ROOM 115	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93232 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.28	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93233

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:15
Sample Point:	01DW034 ROOM 115	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93233 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93234

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:15
Sample Point:	01DW034 ROOM 115	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93234 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93235

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:04
Sample Point:	01CF031 ROOM 112	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93235 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.39	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.038	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93236

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	11:04
Sample Point:	01CF031 ROOM 112	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93236 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93237

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:04
Sample Point:	01CF031 ROOM 112	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93237 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93238

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:04
Sample Point:	01CF031 ROOM 112	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93238 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93239

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 10:14
Sample Point:	01DW020 ROOM 107	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93239 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.019	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93240

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 10:14
Sample Point:	01DW020 ROOM 107	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93240 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93241

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 10:14
Sample Point:	01DW020 ROOM 107	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93241 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93242

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	M PRYSBY/E BROWNE	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 10:14
Sample Point:	01DW020 ROOM 107	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93242 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93243

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:22
Sample Point:	01CF022 ROOM 109	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93243 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93244

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:22
Sample Point:	01CF022- ROOM 109	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93244 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93245

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:22
Sample Point:	01CF022- ROOM 109	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93245 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93246

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 10:22
Sample Point:	01CF022- ROOM 109	Date Received:	11/23/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF93246 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93247

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	09:41
Sample Point:	01CF013- ROOM 105	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93247 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93248

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	09:41
Sample Point:	01CF013- ROOM 105	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93248 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93249

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	09:41
Sample Point:	01CF013- ROOM 105	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93249 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93250

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	09:41
Sample Point:	01CF013- ROOM 105	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93250 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93251

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:31
Sample Point:	02KC002- DHHS OFFICE	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93251 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.034	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93252

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:31
Sample Point:	02KC002- DHHS OFFICE	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93252 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.32	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93253

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:31
Sample Point:	02KC002- DHHS OFFICE	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93253 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.56	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93254

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:31
Sample Point:	02KC002- DHHS-OFFICE	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93254 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93255

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:25
Sample Point:	02KC001- DHHS OFFICE	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93255 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.30	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.021	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93256

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:25
Sample Point:	02KC001- DHHS OFFICE	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93256 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.73	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93257

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:25
Sample Point:	02KC001- DHHS OFFICE	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93257 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93258

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:25
Sample Point:	02KC001- DHHS OFFICE	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93258 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93259

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	09:46
Sample Point:	01DW014- ROOM 105	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93259 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93260

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	09:46
Sample Point:	01DW014- ROOM 105	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93260 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93261

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	09:46
Sample Point:	01DW014- ROOM 105	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93261 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93262

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	09:46
Sample Point:	01DW014- ROOM 105	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93262 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93263

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:15
Sample Point:	01DW021- ROOM 109	Date Received:	11/23/2015	08:10
Water System:	Other	Purpose:	Other	

Sample Comment LF93263 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF93264

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:15
Sample Point:	01DW021- ROOM 109	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93264 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93265

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:15
Sample Point:	01DW021- ROOM 109	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93265 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93266

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:15
Sample Point:	01DW021- ROOM 109	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93266 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93267

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:25
Sample Point:	01CF010- ROOM 100	Date Received:	11/23/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF93267 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93268

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:25
Sample Point:	01CF010- ROOM 100	Date Received:	11/23/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF93268 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93269

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:25
Sample Point:	01CF010- ROOM 100	Date Received:	11/23/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF93269 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93270

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:25
Sample Point:	01CF010- ROOM 100	Date Received:	11/23/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF93270 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93271

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 08:55
Sample Point:	01DW005- LOUNGE	Date Received:	11/23/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF93271 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.28	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.029	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF93272

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 08:55
Sample Point:	01DW005- LOUNGE	Date Received:	11/23/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF93272 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.46	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.069	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93273

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 08:55
Sample Point:	01DW005- LOUNGE	Date Received:	11/23/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF93273 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93274

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 08:55
Sample Point:	01DW005- LOUNGE	Date Received:	11/23/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF93274 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93275

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:21
Sample Point:	01DW009- ROOM 100	Date Received:	11/23/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF93275 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.025	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93276

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:21
Sample Point:	01DW009- ROOM 100	Date Received:	11/23/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF93276 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93277

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:21
Sample Point:	01DW009- ROOM 100	Date Received:	11/23/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF93277 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93278

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 09:21
Sample Point:	01DW009- ROOM 100	Date Received:	11/23/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF93278 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93279

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 08:59
Sample Point:	01KC006- LOUNGE	Date Received:	11/23/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF93279 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.029	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93280

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 08:59
Sample Point:	01KC006- LOUNGE	Date Received:	11/23/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF93280 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.018	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93281

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:59
Sample Point:	01KC006- LOUNGE	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93281 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93282

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	08:59
Sample Point:	01KC006- LOUNGE	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93282 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93283

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:11
Sample Point:	01DW017- ROOM 106	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93283 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.016	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93284

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:11
Sample Point:	01DW017- ROOM 106	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93284 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93285

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:11
Sample Point:	01DW017- ROOM 106	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93285 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93286

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:11
Sample Point:	01DW017- ROOM 106	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93286 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93287

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:14
Sample Point:	01CF018- ROOM 106	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93287 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF93288

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:14
Sample Point:	01CF018- ROOM 106	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93288 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93289

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:14
Sample Point:	01CF018- ROOM 106	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93289 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF93290

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:14
Sample Point:	01CF018- ROOM 106	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93290 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93291

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:47
Sample Point:	01DW026- ROOM 110	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93291 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93292

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:47
Sample Point:	01DW026- ROOM 110	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93292 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93293

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:47
Sample Point:	01DW026- ROOM 110	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93293 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93294

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:47
Sample Point:	01DW026- ROOM 110	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93294 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93295

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:56
Sample Point:	01DW029- ROOM 112	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93295 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.33	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.122	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93296

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:56
Sample Point:	01DW029- ROOM 112	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93296 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.020	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93297

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:56
Sample Point:	01DW029- ROOM 112	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93297 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93298

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:56
Sample Point:	01DW029- ROOM 112	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93298 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93299

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	11:22
Sample Point:	01DW036- ROOM 114	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93299 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.057	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93300

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	11:22
Sample Point:	01DW036- ROOM 114	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93300 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.057	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93301

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	11:22
Sample Point:	01DW036- ROOM 114	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93301 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93302

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:22
Sample Point:	01DW036- ROOM 114	Date Received:	11/23/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF93302 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF93303

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:51
Sample Point:	01CF028- ROOM 112	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93303 Hot water left trickling. The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.32	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.030	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93304

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:51
Sample Point:	01CF028- ROOM 112	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93304 Hot water left trickling. The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.019	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93305

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:51
Sample Point:	01CF028- ROOM 112	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93305 Hot water left trickling. The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93306

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:51
Sample Point:	01CF028- ROOM 112	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93306 Hot water left trickling. The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93307

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	11:35
Sample Point:	01CF037- ROOM 114	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93307 Hot water left trickling. The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.49	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.042	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93308

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	11:35
Sample Point:	01CF037- ROOM 114	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93308 Hot water left trickling. The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93309

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	11:35
Sample Point:	01CF037- ROOM 114	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93309 Hot water left trickling. The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93310

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	11:35
Sample Point:	01CF037- ROOM 114	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93310 Hot water left trickling. The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93311

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	11:16
Sample Point:	01DW033- ROOM 113	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93311 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF93312

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	11:16
Sample Point:	01DW033- ROOM 113	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93312 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93313

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	11:16
Sample Point:	01DW033- ROOM 113	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93313 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93314

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	11/21/2015 11:16
Sample Point:	01DW033- ROOM 113	Date Received:	11/23/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF93314 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF93315

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	11:11
Sample Point:	01CF032- ROOM 113	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93315 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93316

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	11:11
Sample Point:	01CF032- ROOM 113	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93316 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93317

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	11:11
Sample Point:	01CF032- ROOM 113	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93317 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93318

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	11:11
Sample Point:	01CF032- ROOM 113	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93318 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93319

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:43
Sample Point:	01CF025- ROOM 110	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93319 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93320

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:43
Sample Point:	01CF025- ROOM 110	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93320 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93321

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:43
Sample Point:	01CF025- ROOM 110	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93321 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF93322

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	NEITHERCUT ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F02	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	11/21/2015	10:43
Sample Point:	01CF025- ROOM 110	Date Received:	11/23/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF93322 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	11/24/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	11/24/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: DEQ-DWR-LABREPORTS
Sent: Monday, December 14, 2015 1:53 PM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51200887
Attachments: 51200887.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94610

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:15
Sample Point:	01CF001-RM22	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94611

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:15
Sample Point:	01CF001-RM22	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94612

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:15
Sample Point:	01CF001-RM22	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94613

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:15
Sample Point:	01CF001-RM22	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94614

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:15
Sample Point:	01CF001-RM22	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94615

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:15
Sample Point:	01CF001-RM22	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94616

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:15
Sample Point:	01CF001-RM22	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94617

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,LANSING	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:15
Sample Point:	01CF001-RM22	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94618

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:15
Sample Point:	01CF001-RM22	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94619

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CA10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:15
Sample Point:	01CF001-RM22	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94620

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS/LG	Site Code:	CB1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Iosco	Date Collected:	12/05/2015 13:20
Sample Point:	01CF013-RM 12	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

District Health Dept. #2
420 West Lake St.
Tawas City, MI 48764
989 362-6183

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94621

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS/LG	Site Code:	CB2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:20
Sample Point:	01CF013-RM 12	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94622

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS/LG	Site Code:	CB3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:20
Sample Point:	01CF013-RM 12	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94623

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS/LG	Site Code:	CB4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:20
Sample Point:	01CF013-RM 12	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94624

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS/LG	Site Code:	CB5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:20
Sample Point:	01CF013-RM 12	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94625

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS/LG	Site Code:	CB6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:20
Sample Point:	01CF013-RM 12	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94626

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS/LG	Site Code:	CB7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:20
Sample Point:	01CF013- RM12	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94627

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS/LG	Site Code:	CB8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:20
Sample Point:	01CF013-RM 12	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94628

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS/LG	Site Code:	CB9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:20
Sample Point:	01CF013-RM 12	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94629

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other	
Collected By:	JS/LG	Site Code:	CB10	
Township/Well#/Section:	//	Collector:	Other	
County:	Genesee	Date Collected:	12/05/2015	13:20
Sample Point:	01CF013-RM 12	Date Received:	12/07/2015	07:20
Water System:	Other	Purpose:	Other	

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94630

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:25
Sample Point:	01CF035-RM 2A	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94631

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:25
Sample Point:	01CF035-RM 2A	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94632

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:25
Sample Point:	01CF035-RM 2A	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94633

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:25
Sample Point:	01CF035-RM 2A	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94634

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:25
Sample Point:	01CF035-RM 2A	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94635

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:25
Sample Point:	01CF035-RM 2A	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94636

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:25
Sample Point:	01CF035-RM 2A	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94637

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:25
Sample Point:	01CF035-RM 2A	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94638

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:25
Sample Point:	01CF035-RM 2A	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94639

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CC10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:25
Sample Point:	01CF035-RM 2A	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94640

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS/LG	Site Code:	CD1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:35
Sample Point:	01CF037-RM 38	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94641

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS/LG	Site Code:	CD2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:35
Sample Point:	01CF037-RM 38	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94642

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS/LG	Site Code:	CD3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:35
Sample Point:	01CF037-RM 38	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94643

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS/LG	Site Code:	CD4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:35
Sample Point:	01CF037-RM 38	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94644

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS/LG	Site Code:	CD5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:35
Sample Point:	01CF037-RM38	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94645

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS/LG	Site Code:	CD6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:35
Sample Point:	01CF037-RM 38	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94646

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS/LG	Site Code:	CD7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:35
Sample Point:	01CF037-RM 38	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94647

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS/LG	Site Code:	CD8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:35
Sample Point:	01CF037-RM 38	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94648

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS/LG	Site Code:	CD9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:35
Sample Point:	01CF037-ROOM 38	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94649

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS/LG	Site Code:	CD10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:35
Sample Point:	01CF037-RM 38	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94650

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CE1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:45
Sample Point:	01CF052-RM 31	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.39	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94651

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CE2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:45
Sample Point:	01CF052-RM 31	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.29	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94652

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CE3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	48506	Date Collected:	12/05/2015 13:45
Sample Point:	01CF052-RM 31	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94653

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CE4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:45
Sample Point:	01CF052-RM 31	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
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CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94654

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CE5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:45
Sample Point:	01CF052-RM 31	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94655

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CE6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:45
Sample Point:	01CF052-RM 31	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94656

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CE7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:45
Sample Point:	01CF052-RM 31	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.24	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94657

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CE8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:45
Sample Point:	01CF052-RM 31	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
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CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94658

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CE9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:45
Sample Point:	01CF052-RM 31	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94659

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CE10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:45
Sample Point:	01CF052-RM 31	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94660

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CF1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:21
Sample Point:	03KC058-UNIT 3	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.30	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94661

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CF2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:21
Sample Point:	03KC058-UNIT 3	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94662

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CF3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:21
Sample Point:	03KC058-UNIT 3	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94663

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CF4
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:21
Sample Point:	03KC058-UNIT 3	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94664

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CF5
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:21
Sample Point:	03KC058-UNIT 3	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94665

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CF6
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:21
Sample Point:	03KC058-UNIT 3	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94666

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CF7
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:21
Sample Point:	03KC058-UNIT 3	Date Received:	12/07/2015 07:21
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
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Sample Number
LF94667

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CF8
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:21
Sample Point:	03KC058-UNIT 3	Date Received:	12/07/2015 07:21
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94668

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CF9
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:21
Sample Point:	03KC058-UNIT 3	Date Received:	12/07/2015 07:21
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94669

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CF10
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:21
Sample Point:	03KC058-UNIT 3	Date Received:	12/07/2015 07:21
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: DEQ-DWR-LABREPORTS
Sent: Monday, December 14, 2015 1:56 PM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51200888
Attachments: 51200888.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94670

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015
Sample Point:	01DW020 RM 7	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94670 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94671

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015
Sample Point:	01DW020 RM 7	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94671 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94672

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015
Sample Point:	01DW020 RM 7	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94672 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94673

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015
Sample Point:	01DW020 RM 7	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94673 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94674

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:46
Sample Point:	01CF019 RM 7	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94674 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.018	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94675

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:47
Sample Point:	01CF019 RM 7	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94675 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94676

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:47
Sample Point:	01CF019 RM 7	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94676 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94677

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:49
Sample Point:	01CF019 RM 7	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment **LF94677** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94678

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:40
Sample Point:	01KC026 RM5	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment **LF94678** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94679

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:40
Sample Point:	01KC026 RM 5	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment **LF94679** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.24	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94680

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:41
Sample Point:	01KC026 RM 5	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94680 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94681

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:43
Sample Point:	01KC026 RM 5	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94681 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94682

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:05
Sample Point:	01DW022 RM 6	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94682 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.065	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94683

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:05
Sample Point:	01DW022 RM 6	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94683 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Sample Number
LF94684

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:06
Sample Point:	01DW022 RM 6	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94684 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94685

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:08
Sample Point:	01DW022 RM 6	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94685 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94686

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:59
Sample Point:	01CF021 RM 6	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94686 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.33	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.025	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94687

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:59
Sample Point:	01CF021 RM 6	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94687 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.29	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94688

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:00
Sample Point:	01CF021 RM 6	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94688 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94689

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:02
Sample Point:	01CF021 RM 6	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment **LF94689** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94690

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:28
Sample Point:	01CF024 RM 5	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94690 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.29	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94691

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:28
Sample Point:	01CF024 RM 5	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94691 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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FAX: (517) 335-8562

Sample Number
LF94692

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:29
Sample Point:	01CF024 RM 5	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94692 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94693

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:31
Sample Point:	01CF024 RM 5	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94693 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94694

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:20
Sample Point:	01DW016 RM 10	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment **LF94694** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94695

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:20
Sample Point:	01DW016 RM 10	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94695 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94696

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:21
Sample Point:	01DW016 RM 10	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment **LF94696** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94697

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:23
Sample Point:	01DW016 RM 10	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment **LF94697** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94698

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:33
Sample Point:	01CF017 RM 8	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94698 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94699

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:33
Sample Point:	01CF017 RM 8	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94699 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94700

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:34
Sample Point:	01CF017 RM 8	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94700 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94701

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:36
Sample Point:	01CF017 RM 8	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94701 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94702

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:34
Sample Point:	01KC025 RM 5	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94702 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.34	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94703

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:34
Sample Point:	01KC025 RM 5	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94703 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.56	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94704

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:35
Sample Point:	01KC025 RM 5	Date Received:	12/07/2015 08:10
Water System:	Other	Purpose:	Other

Sample Comment LF94704 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94705

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:36
Sample Point:	01KC025 RM 5	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94705 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94706

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:15
Sample Point:	01CF015 RM 10	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94706 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.29	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94707

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:15
Sample Point:	01CF015 RM 10	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment **LF94707** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.26	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94708

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:16
Sample Point:	01CF015 RM 10	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94708 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94709

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:18
Sample Point:	01CF015 RM 10	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94709 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94710

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:39
Sample Point:	01DW018 RM 8	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94710 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF94711

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:39
Sample Point:	01DW018 RM 8	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment **LF94711** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94712

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:40
Sample Point:	01DW018 RM 8	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94712 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94713

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:42
Sample Point:	01DW018 RM 8	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94713 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94714

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:22
Sample Point:	01DW023 RM 5	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94714 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.53	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94715

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:22
Sample Point:	01DW023 RM 5	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment **LF94715** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.29	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94716

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:23
Sample Point:	01DW023 RM 5	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94716 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94717

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:25
Sample Point:	01DW023 RM 5	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94717 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94718

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other	
Collected By:	JS & LG	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	12/05/2015	12:42
Sample Point:	01CF033 RM 1A LIBRARY	Date Received:	12/07/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF94718 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94719

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:42
Sample Point:	01CF033 RM 1A LIBRARY	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94719 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94720

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:43
Sample Point:	01CF033 RM 1A LIBRARY	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94720 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94721

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:45
Sample Point:	01CF033 RM 1A LIBRARY	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94721 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94722

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other	
Collected By:	JS & LG	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	12/05/2015	12:37
Sample Point:	01DW032 RM 1A LIBRARY	Date Received:	12/07/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF94722 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.23	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.023	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94723

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:37
Sample Point:	01DW032 RM 1A LIBRARY	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94723 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94724

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:38
Sample Point:	01DW032 RM 1A LIBRARY	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94724 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.028	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94725

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:40
Sample Point:	01DW032 RM 1A LIBRARY	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94725 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94726

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:49
Sample Point:	01DW034 RM 1A LIBRARY	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94726 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	4.76	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.556	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94727

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:49
Sample Point:	01DW034 RM 1A LIBRARY	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment **LF94727** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.10	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.069	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94728

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:50
Sample Point:	01DW034 RM 1A LIBRARY	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94728 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.34	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.038	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94729

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:52
Sample Point:	01DW034 RM 1A LIBRARY	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94729 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.23	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94730

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:00
Sample Point:	01DW036 RM 2A LIBRARY	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94730 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.025	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94731

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:00
Sample Point:	01DW036 RM 2A LIBRARY	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94731 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94732

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:01
Sample Point:	01DW036 RM 2A LIBRARY	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94732 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94733

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:03
Sample Point:	01DW036 RM 2A LIBRARY	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94733 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94734

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:55
Sample Point:	01CF035 RM 2A LIBRARY	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94734 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94735

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other	
Collected By:	JS & LG	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	12/05/2015	12:55
Sample Point:	01CF035 RM 2A LIBRARY	Date Received:	12/07/2015	08:11
Water System:	Other	Purpose:	Other	

Sample Comment LF94735 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.023	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94736

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:56
Sample Point:	01CF035 RM 2A LIBRARY	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94736 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94737

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:58
Sample Point:	01CF035 RM 2A LIBRARY	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment **LF94737** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94738

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:50
Sample Point:	01BF031 RM 3	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment **LF94738** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.45	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94739

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:50
Sample Point:	01BF031 RM 3	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment **LF94739** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.23	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF94740

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:51
Sample Point:	01BF031 RM 3	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94740 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94741

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:53
Sample Point:	01BF031 RM 3	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment **LF94741** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94742

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:08
Sample Point:	01CF027 RM 4	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94742 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94743

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:08
Sample Point:	01CF027 RM 4	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94743 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.29	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94744

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:09
Sample Point:	01CF027 RM 4	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94744 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94745

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:11
Sample Point:	01CF027 RM 4	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94745 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94746

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:20
Sample Point:	01CF029 RM 3	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94746 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.024	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94747

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:20
Sample Point:	01CF029 RM 3	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94747 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.24	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.024	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94748

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:21
Sample Point:	01CF029 RM 3	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94748 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94749

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:23
Sample Point:	01CF029 RM 3	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment **LF94749** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94750

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:25
Sample Point:	01DW030 RM 3	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94750 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.013	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94751

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:25
Sample Point:	01DW030 RM 3	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94751 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94752

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:26
Sample Point:	01DW030 RM 3	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94752 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94753

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:28
Sample Point:	01DW030 RM 3	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94753 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94754

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:13
Sample Point:	01DW028 RM 4	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94754 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94755

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:13
Sample Point:	01DW028 RM 4	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94755 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94756

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:14
Sample Point:	01DW028 RM 4	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94756 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94757

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:16
Sample Point:	01DW028 RM 4	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment **LF94757** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF94758

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 08:51
Sample Point:	01CF003 RM 17	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94758 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.39	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94759

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 08:51
Sample Point:	01CF003 RM 17	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment **LF94759** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94760

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 08:52
Sample Point:	01CF003 RM 17	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94760 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94761

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 08:54
Sample Point:	01CF003 RM 17	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment **LF94761** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94762

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 08:35
Sample Point:	01CF001 RM 22	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment **LF94762** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94763

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 08:35
Sample Point:	01CF001 RM 22	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment **LF94763** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94764

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 08:36
Sample Point:	01CF001 RM 22	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94764 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94765

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 08:38
Sample Point:	01CF001 RM 22	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94765 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94766

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:15
Sample Point:	01DW006 RM 15	Date Received:	12/07/2015 08:11
Water System:	Other	Purpose:	Other

Sample Comment LF94766 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.30	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.030	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94767

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:15
Sample Point:	01DW006 RM 15	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94767 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.30	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.014	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94768

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:16
Sample Point:	01DW006 RM 15	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94768** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94769

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:17
Sample Point:	01DW006 RM 15	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94769** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94770

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:00
Sample Point:	01CF004 RM 20	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94770 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94771

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:00
Sample Point:	01CF004 RM 20	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94771 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94772

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:01
Sample Point:	01CF004 RM 20	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94772 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94773

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:02
Sample Point:	01CF004 RM 20	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94773** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94774

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:19
Sample Point:	01CF007 RM 15	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94774** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94775

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:19
Sample Point:	01CF007 RM 15	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94775 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94776

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:20
Sample Point:	01CF007 RM 15	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94776** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94777

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:22
Sample Point:	01CF007 RM 15	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94777** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94778

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:04
Sample Point:	01DW005 RM 20	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94778** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94779

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:04
Sample Point:	01DW005 RM 20	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94779** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94780

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:05
Sample Point:	01DW005 RM 20	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94780** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94781

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:06
Sample Point:	01DW005 RM 20	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94781** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94782

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:45
Sample Point:	01KC009 DHHS	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94782 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF94783

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:45
Sample Point:	01KC009 DHHS	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94783** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.33	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94784

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:46
Sample Point:	01KC009 DHHS	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94784 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94785

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:48
Sample Point:	01KC009 DHHS	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94785** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94786

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:07
Sample Point:	01CF014 RM 9	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94786** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94787

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:07
Sample Point:	01CF014 RM 9	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94787 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.33	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94788

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:08
Sample Point:	01CF014 RM 9	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94788 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94789

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:10
Sample Point:	01CF014 RM 9	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94789 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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FAX: (517) 335-8562

Sample Number
LF94790

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:00
Sample Point:	01CF013 RM 12	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94790 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.12	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94791

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:00
Sample Point:	01CF013 RM 12	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94791** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94792

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:01
Sample Point:	01CF013 RM 12	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94792 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94793

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:03
Sample Point:	01CF013 RM 12	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94793** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94794

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:31
Sample Point:	01KC008 COMMUNITY RM	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94794** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94795

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:31
Sample Point:	01KC008 COMMUNITY RM	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94795 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94796

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:32
Sample Point:	01KC008 COMMUNITY RM	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94796** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94797

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:34
Sample Point:	01KC008 COMMUNITY RM	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94797** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94798

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:53
Sample Point:	01DW012 RM 12	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94798** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94799

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:53
Sample Point:	01DW012 RM 12	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94799** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94800

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:54
Sample Point:	01DW012 RM 12	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94800 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94801

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:56
Sample Point:	01DW012 RM 12	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94801 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94802

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:55
Sample Point:	01CF039- RM 39	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94802 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.20	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.030	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94803

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:55
Sample Point:	01CF039- RM 39	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94803 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.27	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.022	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94804

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:55
Sample Point:	01CF039- RM 39	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94804 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94805

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:55
Sample Point:	01CF039- RM 39	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94805 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94806

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:26
Sample Point:	01DW044- RM 37	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94806 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94807

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:26
Sample Point:	01DW044- RM 37	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94807 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94808

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:26
Sample Point:	01DW044- RM 37	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94808 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94809

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:26
Sample Point:	01DW044- RM 37	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94809** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94810

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:11
Sample Point:	03KC058- UNIT 3	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94810 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.41	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94811

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:11
Sample Point:	03KC058- UNIT 3	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94811 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.61	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94812

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:11
Sample Point:	03KC058- UNIT 3	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94812 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.51	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94813

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:11
Sample Point:	03KC058- UNIT 3	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94813 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.48	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94814

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 08:51
Sample Point:	02DW057- OUT UNIT 2	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94814 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.027	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94815

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 08:51
Sample Point:	02DW057- OUT UNIT 2	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94815 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
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Sample Number
LF94816

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:51
Sample Point:	02DW057 OUT UNIT 2	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94816 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94817

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 08:51
Sample Point:	02DW057 - OUT UNIT 2	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94817 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94818

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:58
Sample Point:	01DW040 - RM 39	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94818 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.261	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94819

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:58
Sample Point:	01DW040 - RM 39	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94819** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.08	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.026	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94820

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:58
Sample Point:	01DW040 - RM 39	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94820 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.012	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94821

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:58
Sample Point:	01DW040 - RM 39	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94821** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94822

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 08:45
Sample Point:	02KC056 - OUT UNIT 2	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94822 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94823

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 08:45
Sample Point:	02KC056 - OUT UNIT 2	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94823 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.34	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94824

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 08:45
Sample Point:	02KC056 - OUT UNIT 2	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94824 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.19	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94825

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 08:45
Sample Point:	02KC056 - OUT UNIT 2	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94825 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94826

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:15
Sample Point:	03WC059 - UNIT 3	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94826** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.85	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94827

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:15
Sample Point:	30WC059 - UNIT 3	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment **LF94827** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.11	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94828

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:15
Sample Point:	03WC059 - UNIT 3	Date Received:	12/07/2015 08:12
Water System:	Other	Purpose:	Other

Sample Comment LF94828 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	2.54	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94829

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:15
Sample Point:	03WC059 - UNIT 3	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94829** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.31	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94830

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:22
Sample Point:	01CF043 - RM 37	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94830 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.33	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.015	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94831

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:22
Sample Point:	01CF043 - RM 37	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94831 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.37	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94832

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:22
Sample Point:	01CF043 - RM 37	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94832 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94833

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:22
Sample Point:	01CF043 - RM 37	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94833 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.09	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94834

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:51
Sample Point:	01DW038 - RM 38	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94834 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.023	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF94835

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:51
Sample Point:	01DW038 - RM 38	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94835 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94836

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:51
Sample Point:	01DW038 - RM 38	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94836 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94837

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:51
Sample Point:	01DW038 - RM 38	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94837** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94838

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:45
Sample Point:	01CF037 - RM 38	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94838 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.030	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94839

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:45
Sample Point:	01CF037 - RM 38	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94839 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.23	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.019	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94840

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:45
Sample Point:	01CF037 - RM 38	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94840** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94841

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 09:45
Sample Point:	01CF037 - RM 38	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94841 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94842

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:15
Sample Point:	01DW042 - RM 36	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94842 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94843

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:15
Sample Point:	01DW042 - RM 36	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94843 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94844

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:15
Sample Point:	01DW042 - RM 36	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94844** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94845

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:15
Sample Point:	01DW042 - RM 36	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94845** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94846

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:11
Sample Point:	01CF041 - RM 36	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94846** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.16	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.020	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94847

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:11
Sample Point:	01CF041 - RM 36	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94847** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94848

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:11
Sample Point:	01CF041 - RM 36	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94848 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94849

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:11
Sample Point:	01CF041 - RM 36	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94849** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94850

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:55
Sample Point:	01CF047 - RM 35	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94850 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.29	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.022	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94851

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:55
Sample Point:	01CF047 - RM 35	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94851** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.39	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.042	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94852

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:55
Sample Point:	01CF047 - RM 35	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94852 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.30	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.015	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94853

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:55
Sample Point:	01CF047 - RM 35	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94853** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94854

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:31
Sample Point:	01CF045 - RM 34	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94854 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.18	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94855

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:31
Sample Point:	01CF045 - RM 34	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94855 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.23	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94856

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:31
Sample Point:	01CF045 - RM 34	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94856 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.10	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94857

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:31
Sample Point:	01CF045 - RM 34	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94857** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94858

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:36
Sample Point:	01DW046 - RM 34	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94858 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94859

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:36
Sample Point:	01DW046 - RM 34	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94859 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.07	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94860

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:36
Sample Point:	01DW046 - RM 34	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94860 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94861

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 10:36
Sample Point:	01DW046 - RM 34	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94861** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94862

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:22
Sample Point:	01CF050 - RM 33	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94862 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.33	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94863

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:22
Sample Point:	01CF050 - RM 33	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94863 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.005	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94864

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:22
Sample Point:	01CF050 - RM 33	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94864 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94865

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:22
Sample Point:	01CF050 - RM 33	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94865 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.11	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94866

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:15
Sample Point:	01DW049 - RM 33	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94866** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.39	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94867

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:15
Sample Point:	01DW049 - RM 33	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94867** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.42	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94868

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:15
Sample Point:	01DW049 - RM 33	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94868 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.17	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94869

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:15
Sample Point:	01DW049 - RM 33	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94869 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94870

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:01
Sample Point:	01DW048 - RM 35	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94870 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.22	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.017	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94871

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:01
Sample Point:	01DW048 - RM 35	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94871 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.010	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94872

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:01
Sample Point:	01DW048 - RM 35	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94872** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.15	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.009	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94873

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:01
Sample Point:	01DW048 - RM 35	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94873** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.13	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.006	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94874

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:44
Sample Point:	01WC051 - HALLWAY ACROSS RM 31	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94874** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.73	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94875

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:44
Sample Point:	01WC051 - HALLWAY ACROSS RM 31	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94875 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.74	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94876

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:44
Sample Point:	01WC051 - HALLWAY ACROSS RM 31	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94876** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	1.63	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.021	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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630 South Saginaw
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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94877

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:44
Sample Point:	01WC051 - HALLWAY ACROSS RM 31	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94877 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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FAX: (517) 335-8562

Sample Number
LF94878

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:01
Sample Point:	01WC054 - S END EAST WING	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94878 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.89	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.003	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94879

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P2	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	12/05/2015	12:01
Sample Point:	01WC054 - S END EAST WING	Date Received:	12/07/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF94879 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.90	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94880

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:01
Sample Point:	01WC054 - S END EAST WING	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94880 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.61	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94881

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:01
Sample Point:	01WC054 - S END EAST WING	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94881** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.47	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94882

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:53
Sample Point:	01DW053 - RM 31	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94882 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.31	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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Laboratory Contacts
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Sample Number
LF94883

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:53
Sample Point:	01DW053 - RM 31	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94883** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.39	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
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FAX: (517) 335-8562

Sample Number
LF94884

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:53
Sample Point:	01DW053 - RM 31	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94884 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.38	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94885

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:53
Sample Point:	01DW053 - RM 31	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94885** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.21	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94886

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	P1	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	12/05/2015	12:11
Sample Point:	01WC055 - SOUTHEND EAST WING	Date Received:	12/07/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF94886 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.87	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.008	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94887

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:11
Sample Point:	01WC055 - SOUTHEND EAST WING	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment **LF94887** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.83	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94888

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:		
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other	
Collected By:	TJD/GLK	Site Code:	F01	
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff	
County:	Genesee	Date Collected:	12/05/2015	12:11
Sample Point:	01WC055 - SOUTHEND EAST WING	Date Received:	12/07/2015	08:13
Water System:	Other	Purpose:	Other	

Sample Comment LF94888 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.52	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.004	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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Sample Number
LF94889

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 12:11
Sample Point:	01WC055 - SOUTHEND EAST WING	Date Received:	12/07/2015 08:13
Water System:	Other	Purpose:	Other

Sample Comment LF94889 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.29	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94890

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 08:42
Sample Point:	01DW002 - RM 22	Date Received:	12/07/2015 08:14
Water System:	Other	Purpose:	Other

Sample Comment LF94890 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.14	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94891

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 08:42
Sample Point:	01DW002 - RM 22	Date Received:	12/07/2015 08:14
Water System:	Other	Purpose:	Other

Sample Comment LF94891 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.05	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
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Sample Number
LF94892

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 08:43
Sample Point:	01DW002 - RM 22	Date Received:	12/07/2015 08:14
Water System:	Other	Purpose:	Other

Sample Comment LF94892 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94893

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS & LG	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 08:45
Sample Point:	01DW002 - RM 22	Date Received:	12/07/2015 08:14
Water System:	Other	Purpose:	Other

Sample Comment **LF94893** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	Not detected	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	Not detected	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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810 257-3603

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AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94894

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:47
Sample Point:	01CF052 - RM 31	Date Received:	12/07/2015 08:14
Water System:	Other	Purpose:	Other

Sample Comment LF94894 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.48	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.011	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94895

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	P2
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:47
Sample Point:	01CF052 - RM 31	Date Received:	12/07/2015 08:14
Water System:	Other	Purpose:	Other

Sample Comment **LF94895** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.67	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.007	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94896

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F01
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:47
Sample Point:	01CF052 - RM 31	Date Received:	12/07/2015 08:14
Water System:	Other	Purpose:	Other

Sample Comment LF94896 The sample was collected using a 125 ml plastic bottle.

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.49	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94897

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	F02
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 11:47
Sample Point:	01CF052 - RM 31	Date Received:	12/07/2015 08:14
Water System:	Other	Purpose:	Other

Sample Comment **LF94897** **The sample was collected using a 125 ml plastic bottle.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.42	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.001	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: DEQ-DWR-LABREPORTS
Sent: Monday, December 14, 2015 2:06 PM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51200887
Attachments: 51200887-01.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94620

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	JS/LG	Site Code:	CB1
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:20
Sample Point:	01CF013-RM 12	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.06	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
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AL : Action Level
RL : Reporting Limit

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ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: DEQ-DWR-LABREPORTS
Sent: Tuesday, December 15, 2015 4:50 PM
To: Busch, Stephen (DEQ)
Subject: DEQ-Laboratory Report-51200887
Attachments: 51200887-02.PDF

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF94652

Official Laboratory Report

Report To: STEVE BUSCH
525 W ALLEGAN
LANSING MI 48909

System Name/Owner:		WSSN/Pool ID:	
Collection Address:	POTTER ELEMENTARY,FLINT	Source:	Other
Collected By:	TJD/GLK	Site Code:	CE3
Township/Well#/Section:	//	Collector:	MDEQ DWRPD Staff
County:	Genesee	Date Collected:	12/05/2015 13:45
Sample Point:	01CF052-RM 31	Date Received:	12/07/2015 07:20
Water System:	Other	Purpose:	Other

Sample Comment **LF94652** **Corrected report. Disregard previous report for this sample number. County was corrected.**

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Copper	0.25	12/08/2015	0.05	1.3	EPA 200.8	7440-50-8
Lead	0.002	12/08/2015	0.001	0.015	EPA 200.8	7439-92-1

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Flint, MI 48502-1540
810 257-3603

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mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: Drinking Water Engineers [SharePoint@michigan.gov]
Sent: Wednesday, August 21, 2013 8:00 AM
To: Busch, Stephen (DEQ)
Subject: Drinking Water Discussions

Drinking Water Engineers

Drinking Water Discussions - Daily Summary

Modify my alert settings | View Drinking Water Discussions

Title	Modified	Modified by	
Potable Water for a remote Raw W...	8/20/2013 4:28 PM	Ashford, Stephen (DEQ)	New!

Subject	Potable Water for a remote Raw Water Pump Station
Body	DWEs, The newly formed Karegnondi Water Authority (KWA) will serve drinking water to Genesee County and Flint in the near future. The intake has already been permitted by yours truly. A raw water pump station is under design as we speak. Gary Williams of Jones & Henry Engineers called to ask what DEQ requirements would be to provide 35 gpm of potable water to the raw water booster station for drinking fountains and safety showers/eyewash stations. Jones and Henry proposed a well or SWT plant to meet this need. I told Mr. Williams about the nearby Lexington Worth Township Utilities Authority Type I CWS. He indicated there might be heart burn between LWTUA and KWA. If so, would a well or SWT plant design for 35 gpm and servicing one service connection be a type I or II system? My vote is no! What do you all think? Steve Ashford, P.E.
Last Updated	8/20/2013 4:28 PM
Category	Groundwater & Wells; Source Water (GW & SW); Surface Water Treatment; Uncategorized
Intended Audience	Engineers
Target Audiences	

Potable Water for a remote Raw W...	8/20/2013 5:03 PM	Wozniak, Gary (DEQ)	New!

Body	My thoughts - So i take it that KWA and the raw station is not in the same general location so Rule 503 does not apply. Not a proposed type I or II. "might be heartburn" is no reason to not follow local ordinance, not provide the most safe water possible, or refuse the least cost effective solution in supplying the building with water (The City of Benton Harbor DPW garage is now served by the Benton Charter Twp. The heartburn has long subsided) Will the health dept even permit a SWT for a building if a well could be drilled? Hook them up to LWTUA. Take an antacid tablet --- **From:** Ashford, Stephen (DEQ)

Posted: 8/20/2013 4:28 PM
Subject: Potable Water for a remote Raw Water Pump Station

DWEs,

The newly formed Karegnondi Water Authority (KWA) will serve drinking water to Genesee County and Flint in the near future. The intake has already been permitted by yours truly. A raw water pump station is under design as we speak. Gary Williams of Jones & Henry Engineers called to ask what DEQ requirements would be to provide 35 gpm of potable water to the raw water booster station for drinking fountains and safety showers/eyewash stations. Jones and Henry proposed a well or SWT plant to meet this need. I told Mr. Williams about the nearby Lexington Worth Township Utilities Authority Type I CWS. He indicated there might be heart burn between LWTUA and KWA. If so, would a well or SWT plant design for 35 gpm and servicing one service connection be a type I or II system? My vote is no! What do you all think?

Steve Ashford, P.E.

Category	Uncategorized
Intended Audience	Engineers

Message

From: John O'Malia [jcomalia@gmail.com]
Sent: 9/30/2013 7:27:40 PM
To: Prysby, Mike (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5db07892eaa740c09adbb62a79add8f4-Prysby Mike]; Elgar Brown [cbrownbear@broadstripe.net]; Busch, Stephen (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd27547c9c1a403a86507dc7f5702eba-Busch Stephen]; Bloemker, Jon (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=363a3855b60a4be3ab4de8a5cb6c1ca3-BLOEMKERJ]; Matt Raysin [M_RAYSIN@gcdcwws.com]; David Jansen [djansen@gcdcwws.com]
Subject: Fwd: FW: Draft Meeting Agenda with MDEQ--Oct 10th
Attachments: 2013923_Sample Design MDEQ Review Mtg Agenda.docx

Mike, open the agenda, attached to this email, for the meeting on the 10th, with GCDC/KWA. Location and time to follow. Matt Raysin sent all pipeline drawings to Jon last week. In your call to me you said you were gong to call Jon to confirm so he should have 30% plans by now. Any questions let me know.
More later.
John O'

---------- Forwarded message ----------
From: **Matt Raysin** <M_RAYSIN@gcdcwws.com>
Date: Mon, Sep 30, 2013 at 7:23 AM
Subject: FW: Draft Meeting Agenda with MDEQ--Oct 10th
To: John O'Malia <jcomalia@gmail.com>, Elgar Brown <cbrownbear@broadstripe.net>

Here is the draft agenda. The meeting will be held at the GCDC offices.

From: Tharp, Ed [mailto:Ed.Tharp@aecom.com]
Sent: Monday, September 23, 2013 6:04 PM
To: Matt Raysin
Cc: Winegard, Mike; Osborn, Larry; Gossiaux, Tom
Subject: Draft Meeting Agenda with MDEQ--Oct 10th

Attached is a draft agenda for the PS 30% review with MDEQ for comment and additions

Edward L. Tharp, PE, PhD

Associate Vice President, Midwest Water

C PPI

ed.tharp@aecom.com

AECOM

G-3287 Beecher Road, Flint, MI 48532

T 810-732-6712 F 810-732-6768

www.aecom.com

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Agenda
30% PS Review Meeting with MDEQ

Genesee County Drain Commissioner – Division of Water and Waste Services
Lake Huron Water Initiative – Contract S.4001 and S.4004
October 10, 2013
1:30 p.m. at GCDC-WWS offices

1) Technical Review

a) 30 % Project Design Report and Plan Review
   (a) Key and Critical Design and Construction Concepts, and Contracting Approach
      (i) S.4001
      (ii) S.4002
b)

2) Coordination Items

a) Pre-Purchase of Equipment Status and Discussion
b) Surge Status
c) Corrosion Status
d)

3) Permitting

a) Agency Comments or Concerns
b) Application Status
c)

4) Other Items

a) Design/Bidding/Construction Schedule
b)

5) Review Today's Action Items

6) Confirm Next Meeting—Tentative

a) 60% Project Review--November 20??

From: Prysby, Mike (DEQ)
Sent: Tuesday, October 08, 2013 2:58 PM
To: Bloemker, Jon (DEQ);Busch, Stephen (DEQ)
Subject: LHWI 30% plans - MDEQ Comments
Attachments: 30% Trans Main comments.doc

Jon & Steve,

Attached is the first draft of our comments put together concerning the 30% plans for the LHWI project. Jon, feel free to add or edit any of the comments as I combined some of the items you listed. Steve, I will plan on discussing these items tomorrow morning with you and show you some of our concerns on the plans. I may also edit the list tomorrow morning before I leave for the field – around 10:15am…..

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

Lake Huron Water Initiative
Transmission Main – 30% Plans
MDEQ Comments
10/8/2013

- Contract S-4002 - (URS)

    1. Sheet 13.0; blow –off details: Concerns
       Connected to bottom of 66-in main – Access?
       8-inch Schedule 40 PE piping.
       Sheet 13 depicts two blow-offs, each with a different design.

    2. Air-vacuum releases are not all in best locations (high points). Some of these appurtenances are located at intermediate points along the pipeline.

    3. What is (are) the purpose(s) of the fire hydrants along the transmission line and why are the connections made at the mid-point of the pipeline?

    4. Average valve spacing is approximately 3.75 miles. This does not meet10-States Standards (1 valve/mile).

    5. Valving needs to be provided at the Black River crossing (vicinity of station 322+00 & 318+00). A blow-off should be provided at station 318+00 instead of an air-vacuum release valve. Is there consideration for corrosion protection of the steel transmission main at this location?

- Contract S-4003 - (LAN)

    1. The standard hydrant & valve details are not consistent with the other contracts.

    2. Proper valving is needed at the Jackson Creek crossing (Sheet 5.03).

    3. Proper valving is needed at the Sanilac Drain crossing (Sheet 5.19).

4. An air-vacuum release should be added near Sta. 1166+00 – Sheet 5.52.

5. Embridge Pipeline crossing – Sheet 5.60. Valving & cathodic protection near 1248+00?

6. An air-vacuum release should be added near Sta. 1310+00 – Sheet 5.66.

7. Sheet 5.68 – A portion of the transmission piping along and north of Hull Road back to the connection point between Contracts S-4003 and S-4005 is not depicted.

- Contract S-4005 (Wade-Trim)

1. An air-vacuum release is needed near Sta. 69+00 – Sheet 46

2. A drain/blow-off should be added near the Monroe Drain near Sta. 507+00 – Sheet 166.

3. The standard details/designs for the pipeline appurtenances (hyds, valves, air-releases) are not provided.

4. Valve spacing (3 valves total) of 3.8 to 4.9 miles does not meet10-States Standards.

5. Six standard hydrants are proposed – purpose(s) of these hydrants?

- Contract S-4006 (Rowe)

1. Sheet 62 – Trans Canada & Merit Energy gas pipeline cross near Sta. 745+00. Valving & cathodic protection at this location are not provided. Also, an air-vacuum release should be added near Stations 750+00 and 746+00.

2. Sheet 140 – Proper valving needs to be provided at the Flint River crossing – near Station 480+00.

3. Air vacuum release valves should be added near the following Stations; 719+00, 709+00, 692+00, 560+00, 545+00, 538+00, 513+00, 491+00, 473+00, 459+50, 448+00, 420+50, 405+00, 388+50, 356+00, 354+00, 345+00, 279+00, 263+00, 141+00, 123+00, and 57+00.

4. Five main line valves are provided with spacing between 3 and 5 miles. This spacing does not meet 10-States Standards. Also, what is the rational for the specific valve locations?

5. How will each section of pipeline be closed (protected) prior to connection with the pipeline in the adjacent contracts?

- Contract S-4007 (F&V)

1. Sheet C-5.34 - Cullen & Powers crossing – proper valving?

2. Sheet C-5.44 – Reigle Drain crossing – proper valving and provision for drain/blow-off?

3. Sheet C-5-80 – The standard detail for the valve off-set differs.

4. Blow-offs or mean to drain the pipeline do not appear to be optimally located at many of the pipeline's low points.

5. Pipeline appurtenances (air-release & hydrants) appear to be paired together at same location – explain.

6. How far upstream of the proposed 36X72 tap is next isolation valve on the 72-inch pipeline?
7. Many inconsistencies are noted with the pipeline appurtenances (air-release, hydrants, valves).

8. We are assuming that the city of Flint has had an opportunity to review the 30% plans for Contract S-4007.

General Comments:

There are many inconsistencies with the standard appurtenance details (air-vacuum release, blow-off connections, hydrants, and valving) between each contract. We are assuming that Genesee County intends to establish one standard set of details for all pipeline appurtenances.

Given the number of optimal air-vacuum release valve and blow-off locations, there are other locations (in addition to those listed above) where these appurtenances should be considered. There are also various locations where these appurtenances do not appear necessary. We will discuss these further as we review the plans in our meeting.

A total of 14 isolation valves are shown for the 66-inch pipeline (approx. 3.75 miles between valves on average). This does not meet the recommended valve spacing in 10-States Standards. Additional valving is needed at several important crossings (Black River, Embridge, Trans Canada, and others). The addition of these valves along with re-configuring the location of proposed valves will help attain a valve spacing closer to 10-States Standards.

From: Prysby, Mike (DEQ)
Sent: Tuesday, January 07, 2014 3:48 PM
To: Bloemker, Jon (DEQ);Busch, Stephen (DEQ);Gotham, Daryl (DEQ)
Subject: LHI - 90% P.S. - MDEQ comments
Attachments: 90% P.S. comments.doc; 60% Flint Trans Main comments.doc

Attached are draft comments for the 90% submittal (IPS and LHPS) based upon our review and subsequent discussion. Feel free, as needed, to edit and/or provide any additional comments. As we discussed, I will contact Jon and Daryl tomorrow at 10am to further discuss our review comments pertaining to the LHPS. Following our discussion and receipt of any additional comments, I will prepare a final punch list for our meeting on Thurs. I will also forward a copy of the punch-list to Genesee County prior to COB tomorrow.

I also attached my comments pertaining to the 60% submittal (S-4007 -Flint pipeline) if there is an opportunity for further review of this portion of the project.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

Lake Huron Water Initiative
Pumping Stations – 90% Plans
MDEQ Comments
1/8/2014

- Intermediate PS

1. A minimum of 7.0 MGAL of storage is proposed for the IPS with provision for additional storage. The KWA was to further explore the possibility of providing a larger tank (10 Mgal), what is the status of this?

    - What are the operating conditions (min/max operating level & pump control) of the storage tank?

    - The inlet/outlet piping configuration in the storage tank could cause short-circuiting. Internal baffling and relocation of the piping will minimize potential short circuiting.

    - Sheet P-1.12 What is the weir cone's maximum design overflow rate for the storage tank overflow?

    - The top of the storage tank is open. Raw water quality will be subject to degradation due to birds, geese, etc. Are there provisions to limit the potential degradation of water quality in the storage tank?

2. Sheet C-3.1 The proximity of the septic tank to the P.S. and generator may cause difficulties in working on the generator, P.S., or tank in the future. The septic tank should be located further away from the station.

3. Sheet C-6.8 shows provision to drain the meter chamber via. 3-in PVC drain to sump pump inside the pump station. Can the meter chamber drain line be directed by gravity to the detention basin?

4. The chlorine compound (initially sodium hypochlorite) has been changed to calcium hypo-chlorite – explain. What % strength solution will be achieved after dissolving the

calcium hypochlorite to maintain the preferred dosage? The use of granular chlorine will also be more operator intensive than liquid chlorine.

5. Microfiltration and UV disinfection remains proposed for the well which is to provide domestic and process water at the IPS. It was our understanding that this level of treatment was to be deleted since it is not required.

6. Sheet C-6.4 A concrete cookie that extended under the valve operating nut (shown in the 30% design) has been deleted – (Ref, Gate Valve Off-set detail).

7. The project design report (Page 14) references use of pilot controlled electronic control valve; however, Sheet C-6.7 shows a pressure sustaining valve for the backpressure chamber. Means to drain the backpressure chamber?

- Lake Huron P.S.

1. Sheet C-4.5 Will the flap gate valve at the bottom of10 ft catch basin perform adequately under freezing conditions?

2. Sheet C-4.6 A concrete cookie that extended under the valve operating nut (shown in previous design) has been deleted – (Ref, Gate Valve Off-set detail).

3. Sheet C-4.7 – means to drain the combined air release and air-inlet valve vault? The air release-inlet vent also needs to face downward and be screened.

4. Sheet C-5.3 – We are assuming that the air vent piping is connected to the air release/vacuum relief valve. Means to drain the valve vault?

5. The hydraulic calculation table and pump curves (Appendix B) are based on 1 pump @ 30 MGD and 3 pumps @ 60 & 70 MGD. The table continues to

reference wet well elevations with 3 pumps on and 5 pumps on. What is the projected wet well elevation with 1 pump on @ 30 MGD? Also, which wet well elevation (max, min, or avg.) is used in establishing the hydraulic profile on Sheet P-1.3?

Lake Huron Water Initiative
Transmission Main – 60% Plans
MDEQ Comments
1/2/2014
Contract S-4007

1. Sheet 8.0 – ARV/AIV – relief/inlet piping needs to point downward & be screened. Means to drain vault?

2. Sheet 12.0 – Will hydrants be plugged? Standard specs imply plugged hydrants; however, unplugged hydrants were discussed in most recent meeting. Hydrants also need to be designated as "non-potable" .

3. Sheet 30 – An ARV and an air release hydrant are located within 100 feet of each other.

4. Sheet 38 – Location of hydrant blow-off not at lowest point.

5. Sheet 57 – Add hydrant blow-off (A) near Sta. 364+00 – 365+00.

6. Sheet 59 – Remove ARV comment at Sta. 380+08.

7. Sheet 60 – Is ARV necessary at Sta. 395+50?

8. Sheet 65 – Add hydrant blow-off (A) near Sta. 448+00.

9. Sheet 66 – ARV & air release hydrant approximately 50 ft apart. Also, the location does not appear optimal.

10. Sheet 71 – ARV & air release hydrant are provided in vicinity of drain near Irish Road. A hydrant blow-off appears more suitable.

11. Sheet 75 – Location of ARV does not match between plan & profile view. Profile view offers more optimal location.

12. Sheet 80 – Location of ARV does not match between the plan & profile view.

13. Sheet 81 – Is an air release hydrant needed immediately west of Vassar Road?

14. Sheet 86 – Two air release appurtenances are located in the same proximity.

15. Sheet 94 – Add a hydrant blow-off near Sta. 699+50.

16. Sheet 98 – Add a hydrant blow-off near Sta. 737+50.

17. The master meter pit details are referenced on Sheet 15; however, Sheet 15 was not included in the 60% plans.

Message

From: Osborn, Larry [LOSBORN@WadeTrim.com]
Sent: 3/25/2014 12:29:24 PM
To: Prysby, Mike (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5db07892eaa740c09adbb62a79add8f4-Prysby Mike]
CC: John O'Malia [jcomalia@gmail.com]; Elgar Brown (cbrownbear@broadstripe.net) [cbrownbear@broadstripe.net]; Bloemker, Jon (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=363a3855b60a4be3ab4de8a5cb6c1ca3-BLOEMKERJ]; Busch, Stephen (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fd27547c9c1a403a86507dc7f5702eba-Busch Stephen]; Gotham, Daryl (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0d65f49d71e54d169847b66b97dfa09e-Gotham Daryl]
Subject: RE: Revised KWA Calendar
Attachments: 20140321 KWA Planning Calendar - 2013-2014.xlsx.pdf

Mike,

Here is the attachment.

Also, I plan to drop off the 90% plans, specs and PDR for S.4002 around 4 pm today. Jon Bloemker/Daryl Gotham will have their sets early tomorrow morning.

WADETRIM

Larry A. Osborn, PE, Professional Engineer

555 S. Saginaw Street, Suite 201, Flint, Michigan 48502
810.235.2555 direct | PPI cell | 810.235.4975 fax

From: Prysby, Mike (DEQ) [mailto:PRYSBYM@michigan.gov]
Sent: Tuesday, March 25, 2014 7:53 AM
To: Osborn, Larry
Subject: Revised KWA Calendar

Larry,

I didn't see an attachment that would include the revised KWA calendar.

Michael Prysby, P.E.

District Engineer

Office of Drinking Water and Municipal Assistance

517 290-8817

Please consider the environment before printing this message.

This electronic mail message and any attached files contain information intended for the exclusive use of the individual or entity to whom it is addressed and may contain information that is proprietary, privileged and/or confidential under applicable law. If you are not the intended recipient, please notify the sender by electronic mail or telephone and delete the original message without making any copies; any unauthorized viewing, copying, disclosure or distribution of this information may be subject to legal restriction and penalty.

KWA WATER SYSTEM PLANNING CALENDAR - 2014 (Updated 3/21/14)

March-14

SUN	MON	TUE	WED	THU	FRI	SAT
2	3	4	5	6	7	8
	WWS STAFF MTG					
9	10	11	12	13	14	15
	WWS STAFF MTG	S.4001 Pump Sta. Issued for Bid		100% Rvw Meetings Pump Sta. S.4004 Submit Invitation to Bid (S.4004)	100% Subm Due (S.4007) Prog Rpts Due	
16	17	18	19	20	21	22
	WWS STAFF MTG		WWS Advisory Board		60% Subm Due (S.4003)	
23	24	25	26	27	28	29
	90% Subm Due (S.4002) WWS STAFF MTG	S.4001 Pre-Bid Meeting S.4004 Issued for Bid			30% Submittals Due (S.4005)	month end
30	31					
	WWS STAFF MTG					

April-14

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
	WWS STAFF MTG	100% Rvw Meeting 36" Pipeline S.4007		Submit Invitation to Bid (S.4007)		
6	7	8	9	10	11	12
	Submit Bid Docs (S.4007)	S.4001 Bid Open S.4004 Pre-Bid Meeting	60% Rvw Meetings S.4003	S.4007 Issued for Bid	Prog Rpts Due	
13	14	15	16	17	18	19
	WWS STAFF MTG		WWS Advisory Board		Good Friday Holiday	
20	21	22	23	24	25	26
	90% Subm Due (S.4006) WWS STAFF MTG	MTR VACATION S.4004 Pump Sta. Bid Open		S.4007 Pre-Bid Meeting		month end
27	28	29	30			
	WWS STAFF MTG	90% Rvw Meetings S.4002				

May-14

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
	WWS STAFF MTG		90% Rvw Meetings S.4005	S.4007 Bid Opening	Prog Rpts Due	
11	12	13	14	15	16	17
	WWS STAFF MTG		90% Subm Due S.4003		Prog Mgmt Review	
18	19	20	21	22	23	24
	WWS STAFF MTG		WWS Advisory Board 100% Subm Due S.4002	90% Rvw Meeting S.4006		
25	26	27	28	29	30	31
	Memorial Day Holiday			100% Subm Due S.4005		month end

June-14

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
	WWS STAFF MTG					
8	9	10	11	12	13	14
	WWS STAFF MTG	100% Rvw Meetings S.4002			100% Subm Due S.4006 Prog Rpts Due	
15	16	17	18	19	20	21
	WWS STAFF MTG	100% Rvw Meetings S.4005	WWS Advisory Board 90% Rvw Mtg S.4003		Submit Invitation to Bid (S.4007)	
22	23	24	25	26	27	28
	WWS STAFF MTG	Submit Invitation to Bid (S.4002)	Submit Bid Docs (S.4004)		Submit Bid Docs (S.4004)	month end
29	30					
	WWS STAFF MTG					

July-14

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
		S.4005 Issued for Bid		S.4002 Issued for Bid	Independence Day Holiday	
6	7	8	9	10	11	12
	WWS STAFF MTG	100% Rvw Mtg S.4006			100% Subm Due S.4003 Prog Rpts Due	
13	14	15	16	17	18	19
	WWS STAFF MTG	S.4005 Pre-Bid Meeting	WWS Advisory Board	S.4002 Pre-Bid Meeting		
20	21	22	23	24	25	26
	WWS STAFF MTG	Submit Invitation to Bid (S.4006)			Submit Bid Docs (S.4006)	month end
27	28	29	30	31		
	MTR VACATION WWS STAFF MTG	S.4005 Bid Opening		S.4006 Issued for Bid S.4002 Bid Opening		

August-14

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
					MTR VACATION	
3	4	5	6	7	8	9
	WWS STAFF MTG	100% Rvw Mtg S.4003			Prog Rpts Due	
10	11	12	13	14	15	16
	WWS STAFF MTG			S.4006 Pre-Bid Meeting		
17	18	19	20	21	22	23
	WWS STAFF MTG	Submit Invitation to Bid (S.4003)	WWS Advisory Board		Submit Bid Docs (S.4003)	
24	25	26	27	28	29	30
31	WWS STAFF MTG			S.4006 Bid Opening S.4003 Issued for Bid		month end

KWA WATER SYSTEM PLANNING CALENDAR - 2014 (Updated 3/21/14)

September-14

SUN	MON	TUE	WED	THU	FRI	SAT
	1 Labor Day Holiday	2	3	4	5	6
7	8 WWS STAFF MTG	9	10	11 S.4003 Pre-Bid Meeting	12 Prog Rpts Due	13
14	15 WWS STAFF MTG	16	17 WWS Advisory Board	18	19	20
21	22 WWS STAFF MTG	23	24	25 S.4003 Bid Opening	26	27 month end
28	29 WWS STAFF MTG	30				

October-14

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6 WWS STAFF MTG	7	8	9	10 Prog Rpts Due	11
12	13 WWS STAFF MTG	14	15 WWS Advisory Board	16	17	18
19	20 WWS STAFF MTG	21	22	23	24	25
26	27 WWS STAFF MTG	28	29	30	31	month end

November-14

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3 WWS STAFF MTG	4	5	6	7	8
9	10 WWS STAFF MTG	11 Veterans' Day Holiday	12	13	14 Prog Rpts Due	15
16	17 WWS STAFF MTG	18	19 WWS Advisory Board	20	21	22
23 30	24 WWS STAFF MTG	25	26	27 Thanksgiving Holiday	28	29 month end

From: Prysby, Mike (DEQ)
Sent: Monday, June 16, 2014 1:04 PM
To: Osborn, Larry (LOSBORN@wadetrim.com);'"mraysin@gcdcwws.com".GWIA.SOM-GWIA01';John O'Malia;Elgar Brown (cbrownbear@broadstripe.net)
Cc: Gotham, Daryl (DEQ);Bloemker, Jon (DEQ);Busch, Stephen (DEQ)
Subject: Contract S-4005 100% Submttal - MDEQ comments
Attachments: Contract S-4005 100% comments.doc

Attached are my comments pertaining to Contract S-4005 – 100% design. I plan on attending tomorrow's meeting to go over our comments as needed.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 290-8817

Lake Huron Water Initiative
Contract S-4005
Transmission Main – 100% Plans
MDEQ Comments
6/16/2014

1. We have not received the updated pipeline surge analysis. The updated analysis will need to include the revised listing (size and location) of the air release structures. The analysis also needs to confirm justification of the selected pressure classification (Class 150 for the S-4005 contract).

2. The leakage formula provided in the Leakage Test (Section 02513-18 of the Project Manual) is an outdated AWWA standard for DI/PVC piping. The allowable leakage for steel transmission main needs to be based from the AWWA Standard C-604-11 Installation of Buried Steel Water Pipe – 4-in and larger (Sec. 5.2). The leakage test pressure must also not exceed 125% of the anticipated working pressure.

   * The above leakage formula may be in the Project Manual for the other KWA pipeline contacts (S-4002, 4003, and 4006) and will need to be corrected.

3. Sheet 133 – Station 851+35 depicts a standard hydrant; however, the profile view shows the location of the tap at the top of the main (air-release application) and also notes “tee turned up”. Please explain.

Subject:	Legionella
Location:	Liane's Office
Start:	Thu 1/22/2015 3:30 PM
End:	Thu 1/22/2015 4:00 PM
Recurrence:	(none)
Meeting Status:	Meeting organizer
Organizer:	Busch, Stephen (DEQ)
Required Attendees:	Shekter Smith, Liane (DEQ); Benzie, Richard (DEQ)

Subject: Plumbing Assessment
Location: Freeman Elementary - Flint

Start: Fri 10/23/2015 8:00 AM
End: Fri 10/23/2015 1:00 PM

Recurrence: (none)

Organizer: Busch, Stephen (DEQ)

From: Busch, Stephen (DEQ)
Sent: Friday, February 27, 2015 3:00 PM
To: Adam Rosenthal (rosenthala@michigan.gov)
Subject: FW: DEQ-Laboratory Report-50201563
Attachments: 50201563-03.PDF; DBP results & other investigation.xlsx

Can you check this out? Is it just the address site code issue?

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: Hansen, Jeff [mailto:jrhansen@lan-inc.com]
Sent: Friday, February 27, 2015 2:34 PM
To: Busch, Stephen (DEQ)
Cc: Prysby, Mike (DEQ)
Subject: FW: DEQ-Laboratory Report-50201563

Steve,

Thanks for the table. Flint passed the info on to me earlier today.

I see a discrepancy between your table and Flint's records and we have used Flint's data in the report. I have double checked the lab results and I believe the error is on your end, but that is something to resolve. I've attached what I believe is correct. We have already printed and sent out the report since it is due to you guys Sunday. Samir is hand delivering and will probably be by soon.

Jeffrey R. Hansen
Senior Project Manager

Lockwood, Andrews & Newnam, Inc.
A LEO A DALY COMPANY
1311 South Linden Road, Suite B • Flint, MI 48532
T 810.820.2682 **C** 810.333.3201
www.lan-inc.com • JRHansen@lan-inc.com

From: Brent Wright [mailto:bwright@cityofflint.com]
Sent: Friday, February 27, 2015 9:43 AM
To: Hansen, Jeff
Subject: Fwd: DEQ-Laboratory Report-50201563

---------- Forwarded message ----------
From: **Michael Glasgow** <mglasgow@cityofflint.com>
Date: Fri, Feb 27, 2015 at 8:09 AM
Subject: Fwd: DEQ-Laboratory Report-50201563
To: Brent Wright <bwright@cityofflint.com>

Here are the DBP results. Everything is great, but this still leaves us in violation at 3 sites, as shown in the other attachment.

---------- Forwarded message ----------
From: **DEQ-DWR-LABREPORTS** <DEQ-DWR-LABREPORTS2@michigan.gov>
Date: Thu, Feb 26, 2015 at 4:43 PM
Subject: DEQ-Laboratory Report-50201563
To: "MGLASGOW@CITYOFFLINT.COM" <MGLASGOW@cityofflint.com>

Dear Drinking Water Laboratory Client,

A PDF file containing your analytical results has been attached to this e-mail.

Please do not reply directly to this e-mail. It is an automated account that does not respond to incoming messages.

Please contact the laboratory directly at (517) 335-8184 with questions regarding your report.

Thank you for using the MDEQ Drinking Water Laboratory.

--
Brent Wright
Water Plant Supervisor
City of Flint
4500 N. Dort Hwy.
Flint, MI. 48505
Ph: 810.787.6537 ext. 3510
Fx: 810.787.3710

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54936

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	2501 FLUSHING RD,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP #5
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 11:50
Sample Point:	KITCHEN SINK	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0084	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0023	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0078	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0060	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0245	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54936

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54937

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	3606 CORUNNA RD,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 4
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 11:35
Sample Point:	BATHROOM	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0062	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0017	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0058	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0044	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0181	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54938

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	3216 MLK BLVD,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 6
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 12:15
Sample Point:	BATHROOM	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.002	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0093	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0026	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0075	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0091	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0285	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54939

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	822 S DORT HWY,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 2
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 10:55
Sample Point:	BATHROOM	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0066	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0020	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0065	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0048	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0199	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54940

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	3719 DAVISON RD,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 1
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 10:39
Sample Point:	KITCHEN	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0057	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0015	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0054	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0036	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0162	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54941

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	5018 CLIO RD,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 7
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 12:34
Sample Point:	BATHROOM SINK	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0066	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0018	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0060	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0048	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0192	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54942

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	6204 N SAGINAW ST,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 8
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 12:51
Sample Point:	BATHROOM SINK	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0049	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0014	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0048	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0038	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0149	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF54943

Official Laboratory Report

Report To: MIKE GLASGOW
4500 N DORT HWY
FLINT MI 48505

System Name/Owner:	CITY OF FLINT	WSSN/Pool ID:	2310
Collection Address:	3202 S DORT HWY,FLINT	Source:	TYPE I
Collected By:	KEVIN MCLEOD	Site Code:	DBP 3
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	02/17/2015 11:12
Sample Point:	KITCHEN	Date Received:	02/19/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Dalapon and Haloacetic						
Bromoacetic acid	Not Detected	02/24/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.003	02/24/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	02/24/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	02/24/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.005	02/24/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	02/24/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.002	02/24/2015	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0056	02/20/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	0.0017	02/20/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0055	02/20/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.0040	02/20/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0168	02/20/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

	A	B	C	D	E
1	DISINFECTION BY-PRODUCTS - DEQ Required Testing				
2	MCL for TTHM = 80 ug/L MCL for HAA5 = 60 ug/L				
3					
4		May-14		Aug-14	
5		TTHM	HAA5	TTHM	HAA5
6	Water Plant Tap	56	36	86	36
7		*Once Yearly (June 2014)		*Once Yearly (June 2014)	
8	Site # 1	162.4	64.0	145.3	43.0
9	Site # 2	111.6	52.0	112.0	40.0
10	Site # 3	96.5	48.0	127.2	31.0
11	Site # 4	106.4	55.0	181.3	24.0
12	Site # 5	75.1	38.0	196.2	11.0
13	Site # 6	82.2	41.0	112.4	25.0
14	Site # 7	88.2	49.0	144.4	30.0
15	Site # 8	79.2	50.0	118.3	37.0
16					
17					
18	DISINFECTION BY-PRODUCTS - Other TTHM Investigations				
19					
20		Jul-14	Aug-14	Nov-14	
21		TTHM	TTHM	TTHM	
22	Dort Reservoir	153.3	n/a	n/a	
23	Cedar Street Reservoir	n/a	163.3	35.2	
24	West Side Reservoir	n/a	134.4	43.9	
25					
26	In house investigation using Parker TTHM Analyzer provided by United Water Affiliate				
27					
28		10/16/2014	10/17/2014	10/21/2014	10/29/2014
29		TTHM	TTHM	TTHM	TTHM
30	3 MG Well (PS #4)	48.8	49.9	32.2	34.9
31	+ 1 hour	54.7	52.8	39.2	n/a
32	+ 48 hours	n/a	n/a	n/a	116.6
33	+ 170 hours	n/a	n/a	n/a	168.0

	F	G	H	I	J	K	L	M	N	O	P
1											
2											
3											
4	Nov-14		Feb-15			LRAA			MAX TTHM	MIN TTHM	
5	TTHM	HAA5	TTHM	HAA5		TTHM	HAA5				
6	**33**	36		36		58.3	36.0		86.0	33.0	
7	*Once Yearly (June 2014)		*Once Yearly (June 2014)			*Once Yearly (June 2014)					
8	58.6	16.0	16.2	9.0		95.6	33.0		162.4	16.2	
9	36.2	21.0	19.9	9.0		69.9	30.5		112.0	19.9	
10	33.3	15.0	16.8	9.0		68.5	25.8		127.2	16.8	
11	33.9	15.0	18.1	9.0		84.9	25.8		181.3	18.1	
12	93.6	24.0	24.5	9.0		97.4	20.5		196.2	24.5	
13	50.1	5.0	28.5	2.0		68.3	18.3		112.4	28.5	
14	53.6	17.0	19.2	9.0		76.4	26.3		144.4	19.2	
15	41.1	18.0	14.9	9.0		63.4	28.5		118.3	14.9	
16	***Sampled at end of Oct.**										
17											
18											
19											
20									Total Organic Carbon (mg/L)		
21										Raw	Final
22									May	10.30	4.57
23									June	9.00	3.63
24									July	8.44	2.67
25									August	8.48	4.06
26									Sept	7.36	3.30
27									Oct	7.38	2.99
28									Nov	7.27	3.86
29									Dec	6.49	2.59
30									Jan	7.62	3.21
31									Feb	5.95	2.07
32											
33											

From: Busch, Stephen (DEQ)
Sent: Friday, August 07, 2015 2:28 PM
To: prysbym@michigan.gov
Subject: DEQ-Laboratory Report-Genesee-2015-08-07
Attachments: GENESEE-2015-08-07.pdf

Mike,

Does Genesee County have naturally high Fluoride levels? See the attached reports sampled by Highland Treatment and note the fluoride levels in the partial chem samples.

Stephen Busch, P.E.
MDEQ Lansing District Coordinator
Office of Drinking Water and Municipal Assistance
Lansing and Jackson District Supervisor
517-643-2314
buschs@michigan.gov

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF76135

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

System Name/Owner:	SWARTZ CREEK MEADOWS	WSSN/Pool ID:	
Collection Address:	WELL HOUSE #4,	Source:	TYPE I
Collected By:	RON LAZAR	Site Code:	WL004
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	08/04/2015 11:30
Sample Point:	P O E	Date Received:	08/05/2015 11:15
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	9	08/05/2015	4		SM 4500-Cl E	7647-14-5
Fluoride	1.1	08/05/2015	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	366	08/05/2015	20		SM 2340 C	HARD-00-C
Iron (automated)	0.5	08/05/2015	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	08/05/2015	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	08/05/2015	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	30	08/05/2015	5		SM 3500 NaB	7440-23-5
Sulfate	46	08/05/2015	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF76137

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

System Name/Owner:	SWARTZ CREEK MEADOWS	WSSN/Pool ID:	40164
Collection Address:	WELL HOUSE #1,	Source:	TYPE I
Collected By:	RON LAZAR	Site Code:	WL001
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	08/04/2015 12:30
Sample Point:	P O E	Date Received:	08/05/2015 11:15
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	6	08/05/2015	4		SM 4500-Cl E	7647-14-5
Fluoride	1.1	08/05/2015	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	332	08/05/2015	20		SM 2340 C	HARD-00-C
Iron (automated)	0.5	08/05/2015	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	08/05/2015	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	08/05/2015	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	35	08/05/2015	5		SM 3500 NaB	7440-23-5
Sulfate	37	08/05/2015	10		SM 4500 SO4E	14808-79-8

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Flint, MI 48502-1540
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Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF76139

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

System Name/Owner:	OLD ORCHARD ESTATES	WSSN/Pool ID:	40156
Collection Address:	OLD ORCHARD,	Source:	Single Family Dwelling
Collected By:	RON LAZAR	Site Code:	TP001
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	08/04/2015 10:30
Sample Point:	P O E	Date Received:	08/05/2015 11:15
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	62	08/05/2015	4		SM 4500-Cl E	7647-14-5
Fluoride	0.81	08/05/2015	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	283	08/05/2015	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	08/05/2015	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	08/05/2015	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	08/05/2015	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	54	08/05/2015	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	08/05/2015	10		SM 4500 SO4E	14808-79-8

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF76143

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

System Name/Owner:	THE LANDINGS @ CRAVES COVE	WSSN/Pool ID:	1663
Collection Address:	WELL HOUSE P O E,FENTON	Source:	TYPE I
Collected By:	A BATTEESE	Site Code:	TP001
Township/Well#/Section:	FENTON//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	08/04/2015 11:54
Sample Point:	SAMPLE TAP	Date Received:	08/05/2015 11:15
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	133	08/05/2015	4		SM 4500-Cl E	7647-14-5
Fluoride	1.2	08/05/2015	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	234	08/05/2015	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	08/05/2015	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	08/05/2015	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	08/05/2015	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	95	08/05/2015	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	08/05/2015	10		SM 4500 SO4E	14808-79-8

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF76145

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

System Name/Owner:	GLEN DEVON	WSSN/Pool ID:	2654
Collection Address:	WELL HOUSE P O E,FENTON	Source:	TYPE I
Collected By:	A BATTEESE	Site Code:	TP001
Township/Well#/Section:	FENTON//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	08/04/2015 10:53
Sample Point:	SAMPLE TAP	Date Received:	08/05/2015 11:15
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	35	08/05/2015	4		SM 4500-Cl E	7647-14-5
Fluoride	1.1	08/05/2015	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	250	08/05/2015	20		SM 2340 C	HARD-00-C
Iron (automated)	0.6	08/05/2015	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	08/05/2015	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	08/05/2015	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	37	08/05/2015	5		SM 3500 NaB	7440-23-5
Sulfate	Not detected	08/05/2015	10		SM 4500 SO4E	14808-79-8

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER LABORATORY

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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF76146

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

System Name/Owner:	OLD ORCHARD ESTATES	WSSN/Pool ID:	40156
Collection Address:	OLD ORCHARD,	Source:	TYPE I
Collected By:	RON LAZAR	Site Code:	TP001
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	08/04/2015 10:30
Sample Point:	P O E	Date Received:	08/05/2015 11:15
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	0.009	08/06/2015	0.002	0.010	EPA 200.8	7440-38-2

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Flint, MI 48502-1540
810 257-3603

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Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

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DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample Number
LF76147

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

System Name/Owner:	SWARTZ CREEK MEADOWS	WSSN/Pool ID:	40164
Collection Address:	WELL HOUSE #1,	Source:	TYPE I
Collected By:	RON LAZAR	Site Code:	WL001
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	Genesee	Date Collected:	08/04/2015 12:20
Sample Point:	P O E	Date Received:	08/05/2015 11:15
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Arsenic	0.005	08/06/2015	0.002	0.010	EPA 200.8	7440-38-2

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

CAS# : Chemical Abstract Service Registry Number
MCL : Maximum Contaminant Level
AL : Action Level
RL : Reporting Limit

mg/L : milligrams / Liter (ppm)
ppm : parts per million
MPN : Most Probable Number
CFU : Colony Forming Unit

Laboratory Contacts
Drinking Water Unit Mgr: Julia Pieper
Systems Mgmt. Unit Mgr: George Krisztian

From: Busch, Stephen (DEQ)
Sent: Tuesday, September 15, 2015 1:39 PM
To: Wurfel, Brad (DEQ) (WurfelB@michigan.gov)
Subject: Article

Importance: High

Brad,

Take a look at this (note it is from 2012 and involves many of the same players). It may help frame the context of what is going on and that it is not suddenly an issue.

http://investigations.nbcnews.com/_news/2012/08/08/13179335-how-an-epa-project-backfired-endangering-drinking-water-with-lead

Stephen Busch, P.E.
MDEQ Lansing District Coordinator
Office of Drinking Water and Municipal Assistance
Lansing and Jackson District Supervisor
517-643-2314
buschs@michigan.gov

From: Epkey, Amy (DEQ)
Sent: Thursday, October 01, 2015 1:21 PM
To: Wyant, Dan (DEQ);Pallone, Maggie (DEQ)
Cc: Thelen, Mary Beth (DEQ);Wilcox, Candra (DEQ);McDonald, Paul (DEQ);Renteria, Sylvia (DEQ)
Subject: Flint Supplemental

The Senate just passed House Bill 4102 and inserted a $100 placeholder for DEQ and DHHS for the "City of Flint Emergency Water Services." In talking to DHHS and SBO, DHHS already has spending authorization so we can simply transfer the revenue (a supplemental is not needed). I just wanted to make sure you are aware the bill is moving. I will leave a copy of the supplemental in your office or with Mary Beth.

From: Pallone, Maggie (DEQ)
Sent: Thursday, December 17, 2015 1:11 PM
To: Wyant, Dan (DEQ)

http://michiganradio.org/post/reporter-s-notebook-some-state-officials-still-denial-or-misinformed-over-flint-river-decision#stream/0

Maggie Pallone
Deputy Director
Policy and Legislative Affairs
Department of Environmental Quality
517-599-6190 (cell)
PalloneM@michigan.gov

From: Wyant, Dan (DEQ)
Sent: Wednesday, March 14, 2012 2:55 PM
To: Thelen, Mary Beth (DEQ)
Cc: Olszewski, Rosemarie (DEQ)
Subject: FW: March 21, 2012 DWSD Meeting
Attachments: 20120312093621678.pdf; 20120312102445416.pdf

R, please print all.
Thanks.

Mbt

From: David Ottenwess [mailto:dottenwess@ottenwesslaw.com]
Sent: Wednesday, March 14, 2012 11:08 AM
To: Dillon, Andy (Treasury); Muchmore, Dennis (GOV); Gadola, Michael (GOV); Wyant, Dan (DEQ); cpugh313@gmail.com; browngary@detroitmi.gov; Chris Brown; Fausone, Jim; mccormic@dwsd.org
Subject: March 21, 2012 DWSD Meeting

All,

Here are the attachments to yesterday's email

David

David M. Ottenwess
OTTENWESS, ALLMAN & TAWEEL, PLC
535 Griswold, Suite 850
Detroit, MI 48226
(313) 965-2121 ext. 211
(313) 965-7680
Dottenwess@ottenwesslaw.com
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CITY OF DETROIT
WATER AND SEWERAGE DEPARTMENT
BOARD OF WATER COMMISSIONERS

735 RANDOLPH STREET
DETROIT, MICHIGAN 48226-2830
PHONE: 313•224•4704 TTY:311
FAX: 313•224•6067
WWW.DETROITMI.GOV

DWSD and STATE OF MICHIGAN ISSUES
March 14, 2012

I. Flint & KWA

Flint has been a contract customer of DWSD since 1965. The original 35-year contract term expired in 2000, but service continues under the terms of the original contract, pending notification to terminate (the contract requires a one-year notice) from either party. The original contract contained estimated annual volumes for every year covered by the contract, and contained a "take or pay" provision equal to one-half of the estimated figures. In 1990, after Flint's failure to purchase up to 50% of the estimated amounts in the contract, DWSD and Flint negotiated an amendment that lowered the annual estimates, but left all other terms intact. Flint sells DWSD water to Genesee County on a wholesale basis via terms of an agreement between those two parties that was originally dated 1973, with a 2013 expiration date.

(a) KWA

Genesee County has been exploring alternative sources of water for a decade. That effort is led by the County Drain Commissioner Jeff Wright. The Karegnondi Water Authority (KWA) was established to more formally coordinate the evaluation of water supply alternatives. KWA consists largely of Lapeer County, Genesee County and Flint. The KWA project involves a $600,000,000 investment to pump and transmit raw water from Lake Huron to Flint. Even KWA acknowledges it is not a better financial arrangement than DWSD for the next 30 years. KWA is presently requesting Flint to agree to participate in a $10,000,000 engineering study and reports construction could start late 2012 or spring 2013.

DWSD has not ignored this effort. Instead a technical and financial committee consisting of KWA and DWSD representatives has been working cooperatively to DWSD / Flint / Genesee County for various options for the authority. DWSD Director McCormick and BOWC Chair Fausone have met with Mr. Wright and Flint financial manager, Mr. Brown, since the new year.

The KWA communities comprise about 6 percent of the DWSD water revenue structure. DWSD and its customers (through the TAC, etc.) have expressed a desire to keep the KWA communities "on board", but have been reluctant to pursue alternatives which would do so at a cost to other customers more than the 6 percent revenue requirement increase that would occur if DWSD just let them leave.

(b) Capacity

Through its five water treatment plants DWSD has the capacity to produce up to 1.7 billion gallons per day (bgd) of water – but current demand levels are closer to 1.0 bgd. DWSD has a large amount of available "excess" production capacity, which has contributed to recent rate increases – DWSD has maintained this capacity as water demands and sales have dropped.

DWSD's new capital improvement plans, and the mission of the upcoming master plan update, are seeking the best manner to "downsize" capacity and still meet service levels to the entire Southeast Michigan region. At the same time, the "independent" KWA plan seeks to unnecessarily add new water production capacity of approximately 60 to 80 million gallons per day (mgd) to the region, while taking that demand away from the DWSD system. Clearly, this is not an efficient nor strategic investment of public dollars in the region.

(c) Impact and Compliance

At DWSD water supply and sewage disposal functions are so fundamentally intertwined as to be inseparable. Administration, finance, procurement, maintenance, security, metering, customer service and billing, enterprise system investments, programs and initiatives that are essential for one utility function are also required for the other. The Water / Sewer Rate Interrelationship is based on the reality that DWSD is a unitary department that manages and operates both Detroit's water system and its sewer system. The extent that DWSD resources and facilities directly serve both the water and sewer systems is apparent in that only approximately 40 percent of DWSD employees perform "solely water" or "solely sewer" functions. These employees are primarily located at the treatment plants. The remaining 60 percent carry out activities that benefit both systems. The costs of these resources and facilities are shared between the two utility systems. The water rates provide the funding mechanism for the water system's share and the sewer rates provide the funding mechanism for the sewer system's share. The ability of the sewer system to carry out its mission and achieve long term compliance with the Clean Water Act is directly impacted by the ability of the water system to provide its share of the funding for these resources common to the water and sewer systems.

DWSD is requesting the State, which has appointed a financial manager for Flint, consider a regional approach to decisions of water and sewerage services. The State should not encourage or authorize DWSD customers to cannibalize the existing system, and to add additional regional debt thereby increasing the pressure on DWSD's customers to support existing debt and operations.

II. Distressed Communities and Customers

In recent years, the global economic issues have had a significant impact on Southeast Michigan and DWSD. With significant loss of water use (sales) and the commensurate sewer use (sales), rates for both services have risen substantially to cover costs associated with past and current capital investments. Compounding the decline in sales is the increasing bad debt on the systems from both Detroit and customer communities.

Detroit Public Schools and Highland Park, both under State oversight, are in significant arrearage to DWSD. The DPS accounts receivable is approximately $11,000,000. The Highland Park account receivable is at $9,576,165.

In recent months, the problems in Highland Park have resulted in the State approaching DWSD to assist Highland Park due to potentially significant public health issues in their drinking water system.

Other Southeast Communities are also demonstrating an inability to pay DWSD for services provided to their communities. In addition to Highland Park, six additional DWSD customer communities including Inkster and Hamtramck have increasing past due amounts. For example, the City of Inkster, which has recently received State funds "to keep the lights on", owes DWSD $1,595,844. Additionally, the City of Detroit which is undergoing financial review by the State has a general fund arrearage to DWSD of approximately $8,000,000.

It is quite likely DWSD will be asked to assist or manage some or all of the failing community's water and waste water systems because DWSD is uniquely positioned to do so. We recognize the critical role DWSD might have in these issues. However, it is quiet ironic that the State would seek DWSD's assistance through assuming responsibility for failing systems, and the economic risk that goes with that, at the same time the State would allow or facilitate DWSD's largest customer to exit the system. Add to this that the most significant outstanding debt owed DWSD are communities under State oversight or on the watch list. These actions in total are of significant detriment to DWSD, further hampering DWSD's ability to address investment necessary to effect long term compliance.

DWSD is requesting the State require distressed communities, and entities under State control, to pay for services provided and to consider water and sewer issues in its regional decision.

From: Wyant, Dan (DEQ)
Sent: Tuesday, April 16, 2013 4:17 PM
To: Dillon, Andy (Treasury)
Subject: FW: KWA and City of Flint

Andy,

I have checked with multiple staff from both the Drinking Water Program and the Water Resource Division today. Their comments to me today are the same as before. KWA saves money if they separate.

Dan Wyant, Director
Department of Environmental Quality
517-373-7917

From: Creal, William (DEQ)
Sent: Tuesday, April 16, 2013 1:27 PM
To: Wyant, Dan (DEQ); Sygo, Jim (DEQ)
Cc: Verona, Laura (DEQ); Shekter Smith, Liane (DEQ)
Subject: Fwd: KWA and City of Flint

Here are Wrd comments.

Begin forwarded message:

> **From:** "Verona, Laura (DEQ)" <VERONAL@michigan.gov>
> **Date:** April 16, 2013, 12:00:29 PM EDT
> **To:** "Creal, William (DEQ)" <CREALW@michigan.gov>
> **Cc:** "Alexander, Christine (DEQ)" <ALEXANDERC2@michigan.gov>, "Smith, Laura (DEQ)" <SMITHL16@michigan.gov>
> **Subject: RE: KWA and City of Flint**
>
> Hi Bill,
>
> From a capacity standpoint, supplying KWA is completely feasible under either proposal with no adverse impact to the rest of the DWSD supply network. The proposal lists KWAs contracted max day demand at 40.6 mgd, the design and rated capacity of the Lake Huron Plant is 400 mgd. The DWSD service area average and max day are about 650 and 950 mgd; the other four water plants combined have a rated capacity of over 1100 mgd.
>
> I don't know the details of the cost analysis other than what has been reported by DWSD. It is my understanding that over the 30 year pay back period that full service water provided from DWSD would be more a lot more expensive than what KWA has projected if they separate. Several intermediate proposals of varying cost estimates have been presented without success. KWA was issued a permit last fall for constructing an intake (independent of DWSDs) and I think the plan is to start construction as early as this fall. Then a treatment plant would be constructed to treat the water. Flint has a water plant that draws raw water from the Flint River, but the plan would be to purchase raw water from the KWA intake and treat at their plant, using the River as a backup source. KWA has estimated a project cost of $274 million, DWSD estimated the project cost at $375 million; but I don't know exactly what the scope of work was for those estimates so I'm not sure that it's an apples to apples comparison.

Overall, besides the know impacts to DWSD for loss of revenue and increased cost to the rest of the system users to cover fixed cost, debt, etc., there could be other systems revisiting their proposals to separate. Grosse Ile and a few surrounding communities had looked into forming a water authority and building a plant to serve them; Grosse Pointe Park had submitted incomplete plans a few years back to build their own microfiltration plant. At one point, Grosse Pointe Shores was considering a study to see if they could re-work the Grosse Pointe Farms network to purchase water from them rather than DWSD through GP Woods.

Let me know if you want to discuss this further.

thanks,
Laura

From: Creal, William (DEQ)
Sent: Tuesday, April 16, 2013 8:02 AM
To: Verona, Laura (DEQ)
Cc: Alexander, Christine (DEQ); Smith, Laura (DEQ)
Subject: FW: KWA and City of Flint
Importance: High

Laura, please take a look at this and let me know if you have any comments. Need quickly. This appears to be mainly a drinking water issue right now. Thanks.

From: Wyant, Dan (DEQ)
Sent: Tuesday, April 16, 2013 6:51 AM
To: Sygo, Jim (DEQ); Creal, William (DEQ); Shekter Smith, Liane (DEQ)
Cc: Anderson, Madhu (DEQ)
Subject: FW: KWA and City of Flint

Bill and Liane,

Can you have your staff's take a quick look at this and let me know today if they think this changes their thoughts and comments to me last week.

Dan Wyant, Director
Department of Environmental Quality
517-373-7917

From: Dillon, Andy (Treasury)
Sent: Monday, April 15, 2013 7:55 PM
To: Wyant, Dan (DEQ); Dennis Muchmore; Roberts, John (GOV)
Cc: Stibitz, Brom (Treasury); Saxton, Thomas (Treasury)
Subject: Fwd: KWA and City of Flint

FYI

Dan, any thoughts re the attached?

We gave dwsd until today to put best offer on table. Flint is to get back to us tmrw. I want to make sure their expected rejection is made in good faith.

Sent from my iPad

Begin forwarded message

From: "Debra Ragland" <dragland@dwsd.org>
To: "ekurtz@cityofflint.com" <ekurtz@cityofflint.com>
Cc: "jwright@co.genesee.mi.us" <jwright@co.genesee.mi.us>, "Dillon, Andy (Treasury)" <DillonA2@michigan.gov>, "James Fausone" <fausone@dwsd.org>, "orrk@detroitmi.gov" <orrk@detroitmi.gov>, "Sue McCormick" <mccormick@dwsd.org>
Subject: KWA and City of Flint

Please see attached on behalf of Sue F. McCormick.

Faxed copy forwarded to Mayor Dayne Walling and Jeff Wright.

From: Wyant, Dan (DEQ)
Sent: Wednesday, April 17, 2013 10:46 AM
To: Dillon, Andy (Treasury)
Subject: FW: KWA and City of Flint

Andy,

More DEQ staff comments attached from this morning. Our analysis has not changed.

Dan Wyant, Director
Department of Environmental Quality
517-373-7917

From: Thelen, Mary Beth (DEQ)
Sent: Wednesday, April 17, 2013 10:43 AM
To: Wyant, Dan (DEQ)
Subject: FW: KWA and City of Flint

From: Busch, Stephen (DEQ)
Sent: Wednesday, April 17, 2013 9:51 AM
To: Sygo, Jim (DEQ); Shekter Smith, Liane (DEQ); Thelen, Mary Beth (DEQ)
Cc: Shaler, Karen (DEQ); Benzie, Richard (DEQ); Prysby, Mike (DEQ)
Subject: RE: KWA and City of Flint

Director Wyant, Deputy Director Sygo, and Liane,

A response at this point may be moot as Flint and Genesee Co. already held a press conference yesterday rejecting the DWSD offer.

It is also unclear whether DWSD provided its offer directly to Flint and Genesee Co. by the deadline in Treasurer Dillon's letter. However, Flint and Genesee Co. still took the offer under consideration.

Our office concurs with both Flint and Genesee Co. that the offers provided by DWSD were incomplete.

Of the two scenarios provided by DWSD it appeared that only Scenario 2 was listed as potentially being more cost effective. However, this scenario did not address the following:

1. The DWSD scenarios are based on 40 MGD of service capacity. However, the KWA project is providing 60 MGD of initial capacity with potential expansion to 75 MGD in the future. Therefore, in order for a more direct comparison the DWSD scenario would need to increase capacity to 60 MGD, which would increase fixed rate commodity costs as well as the capital costs for the Huron Plant that DWSD was planning to allocate to Flint and Genesee Co., presumably by as much as 50%.

2. DWSD proposals cover a 30 year period to 2042, but fail to recognize that after this period bond payments for the KWA project will be complete and result in a significant reduction in costs for the KWA option.

3. While DWSD indicates that Flint and Genesee Co. would be given "broadened representation", it remains unclear exactly what this means in terms of actual control in the decision making process.

4. This scenario continues to rely on a single transmission system and would require the City of Flint to maintain its WTP for emergency purposes and these costs do not appear to be included. In addition, use of the Flint WTP as an emergency backup would leave Genesee Co. without an adequate backup supply to meet their 30 year needs.

Again, without DWSD providing the specific details of these proposals, it is difficult to provide a true comparative analysis, and as such Flint and Genesee Co. appear to be justified in their rejection of these proposals.

Please let me know if you require any further response.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: Sygo, Jim (DEQ)
Sent: Tuesday, April 16, 2013 9:59 AM
To: Busch, Stephen (DEQ); Prysby, Mike (DEQ); Benzie, Richard (DEQ)
Cc: Shekter Smith, Liane (DEQ); Shaler, Karen (DEQ); Thelen, Mary Beth (DEQ)
Subject: FW: KWA and City of Flint

Steve, Mike and Richard,

Please take a look at DWSD's last best offer to the City of Flint and provide your collective perspective to the Director through Liane by the end of the week. Copy me in as well. I'll be out of the office but would like to know if you think this is worth considering.

Thank you for your expedited review.

From: Wyant, Dan (DEQ)
Sent: Tuesday, April 16, 2013 6:52 AM
To: Sygo, Jim (DEQ)
Subject: FW: KWA and City of Flint

Jim,

Liane is out of the office today, Can you forward this directly to her staff that worked on this with us.

Dan Wyant, Director
Department of Environmental Quality
517-373-7917

From: Wyant, Dan (DEQ)
Sent: Tuesday, April 16, 2013 6:51 AM
To: Sygo, Jim (DEQ); Creal, William (DEQ); Shekter Smith, Liane (DEQ)
Cc: Anderson, Madhu (DEQ)
Subject: FW: KWA and City of Flint

Bill and Liane,

Can you have your staff's take a quick look at this and let me know today if they think this changes their thoughts and comments to me last week.

Dan Wyant, Director

From: Dillon, Andy (Treasury)
Sent: Monday, April 15, 2013 7:55 PM
To: Wyant, Dan (DEQ); Dennis Muchmore; Roberts, John (GOV)
Cc: Stibitz, Brom (Treasury); Saxton, Thomas (Treasury)
Subject: Fwd: KWA and City of Flint

FYI

Dan, any thoughts re the attached?

We gave dwsd until today to put best offer on table. Flint is to get back to us tmrw. I want to make sure their expected rejection is made in good faith.

Sent from my iPad

Begin forwarded message

> **From:** "Debra Ragland" <dragland@dwsd.org>
> **To:** "ekurtz@cityofflint.com" <ekurtz@cityofflint.com>
> **Cc:** "jwright@co.genesee.mi.us" <jwright@co.genesee.mi.us>, "Dillon, Andy (Treasury)" <DillonA2@michigan.gov>, "James Fausone" <fausone@dwsd.org>, "orrk@detroitmi.gov" <orrk@detroitmi.gov>, "Sue McCormick" <mccormick@dwsd.org>
> **Subject: KWA and City of Flint**
>
> Please see attached on behalf of Sue F. McCormick.
>
> Faxed copy forwarded to Mayor Dayne Walling and Jeff Wright.

From: Wyant, Dan (DEQ)
Sent: Monday, October 12, 2015 5:44 PM
To: Agen, Jarrod (GOV)
Subject: Accepted: DM/EC/JA/RB/JW/JR/HH/SW/DM/DW/NL/GL/DP or DA or ML re Flint next steps

From: Busch, Stephen (DEQ)
Sent: Tuesday, September 09, 2014 3:21 PM
To: Shekter Smith, Liane (DEQ);Sygo, Jim (DEQ);Wurfel, Brad (DEQ)
Cc: Shaler, Karen (DEQ);Feuerstein, Heather (DEQ);Willard, Veronica (DEQ);Benzie, Richard (DEQ)
Subject: RE: Flint Site 5 Boil water advisory documents

FYI. The Boil water advisory in Flint has been lifted based on non-detect total coliform sample results.

I have spoken to Director Wyant and he is in contact with the Governor's office.

The City is continuing to investigate this area of its distribution system for possible sources of contamination.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: Shekter Smith, Liane (DEQ)
Sent: Friday, September 05, 2014 2:52 PM
To: Sygo, Jim (DEQ); Wurfel, Brad (DEQ)
Cc: Shaler, Karen (DEQ); Feuerstein, Heather (DEQ); Willard, Veronica (DEQ); Benzie, Richard (DEQ); Busch, Stephen (DEQ)
Subject: FW: Flint Site 5 Boil water advisory documents

FYI – heads up.

From: Busch, Stephen (DEQ)
Sent: Friday, September 05, 2014 2:47 PM
To: Daugherty Johnson (djohnson@cityofflint.com); Brent Wright (bwright@cityofflint.com); mglasgow@cityofflint.com
Cc: Benzie, Richard (DEQ); Shekter Smith, Liane (DEQ); Prysby, Mike (DEQ); Rosenthal, Adam (DEQ)
Subject: Flint Site 5 Boil water advisory documents

Gentlemen,

Attached are the boil water advisory public notice with all required language and a map of the impacted zone. Please distribute to your media contacts immediately.

Once we have 2 sets of non-detect samples from the impacted area we can discuss lifting the advisory.

You indicated that flushing of the area has already started.
Please ensure the water system is taking investigative steps to identify a possible source

- Inspect storage facilities
- Verify pumping and treatment system remains intact and uncontaminated
- Inspect cross connection accounts in the affected area
- Survey the area for any unidentified cross connections
- Review any recent construction or maintenance in the area

- Check for building permits and with building inspectors for any recent construction in the area
- Check with fire departments and DPW for any temporary or improper hydrant use
- Review pumpage and check for breaks, leaks, or an uptick in unaccounted water loss
- Ensure any vacant properties have had the water service shutoff
- Review Cl residual data, conduct additional Cl monitoring, and increase disinfectant residual

I will be in contact with the County Health Department and the MDARD Food and Dairy Division.

You can reach me over the weekend at this number or Mike Prysby at his number.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

Appointment

From: Martinez.Isidra@epa.gov [Martinez.Isidra@epa.gov]
Sent: 10/23/2015 5:57:58 PM
To: Sygo, Jim (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0796575dd22644db9442342aa7953076-Sygo Jim]; Shaler, Karen (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e2ec1785ee664275ad91f25fd7edd1fa-Shaler Karen]; Henry, Timothy [henry.timothy@epa.gov]; Deltoral, Miguel [deltoral.miguel@epa.gov]; Poy, Thomas [poy.thomas@epa.gov]; Schock, Michael [Schock.Michael@epa.gov]; Kempic, Jeffrey [Kempic.Jeffrey@epa.gov]; Lytle, Darren [Lytle.Darren@epa.gov]
Subject: After Action - Flint Task Force Discussion of School Sampling Event - Please call PHI conf Code: PHI PHI
Location: Region 5 - Robert Kaplan's Office
Start: 10/28/2015 5:30:00 PM
End: 10/28/2015 6:30:00 PM
Show Time As: Tentative

Attendees:
Robert Kaplan
Timothy Henry
Miguel Deltoral
Thomas Poy
Michael Schock
Jeffrey Kempic
Darren Lytle
Jim Sygo
George Krisztian
Liane Shekter Smith
Steve Busch
Mike Prysby

From: Pallone, Maggie (DEQ)
Sent: Saturday, November 14, 2015 5:29 PM
To: Sygo, Jim (DEQ)
Subject: Fwd: Revised/updated DEQ Outline of Flint Drinking Water Issues for Flint Water Task Force - Attorney Client Privilege Work Product
Attachments: EPA EOY Evaluation FY14.pdf; ATT00001.htm

Do all federally delegated program gets reviews like this from EPA?

Sent from my iPad

Begin forwarded message:

From: "Shekter Smith, Liane (DEQ)" <SHEKTERL@michigan.gov>
Date: November 14, 2015 at 4:41:21 PM EST
To: "Kuhl, Richard (AG)" <KuhlR@michigan.gov>, "Bettenhausen, Margaret (AG)" <BettenhausenM@michigan.gov>
Cc: "Devereaux, Tracy Jo (DEQ)" <DEVEREAUXT@michigan.gov>, "Thelen, Mary Beth (DEQ)" <THELENM2@michigan.gov>, "Shaler, Karen (DEQ)" <SHALERK@michigan.gov>, "Benzie, Richard (DEQ)" <BENZIER@michigan.gov>, "Prysby, Mike (DEQ)" <PRYSBYM@michigan.gov>, "Busch, Stephen (DEQ)" <BUSCHS@michigan.gov>, "Philip, Kris (DEQ)" <PHILIPK@michigan.gov>, "Sygo, Jim (DEQ)" <SygoJ@michigan.gov>, "Wyant, Dan (DEQ)" <WyantD@michigan.gov>, "Anderson, Madhu (DEQ)" <AndersonM30@michigan.gov>, "Tommasulo, Karen (DEQ)" <TommasuloK@michigan.gov>, "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>, "Pallone, Maggie (DEQ)" <PalloneM@michigan.gov>, "Krisztian, George (DEQ)" <krisztiang@michigan.gov>
Subject: **Attorney-Client Privilege**
Attorney Client Privilege Work Product

Attorney-Client Privilege

Thanks.

Liane

From: Shekter Smith, Liane (DEQ)
Sent: Saturday, November 14, 2015 2:46 PM

To: Kuhl, Richard (AG); Bettenhausen, Margaret (AG); Sygo, Jim (DEQ); Krisztian, George (DEQ); Pallone, Maggie (DEQ); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Anderson, Madhu (DEQ); Wyant, Dan (DEQ)
Cc: Devereaux, Tracy Jo (DEQ); Thelen, Mary Beth (DEQ); Shaler, Karen (DEQ); Benzie, Richard (DEQ); Prysby, Mike (DEQ); Busch, Stephen (DEQ); Philip, Kris (DEQ)
Subject: RE: **Attorney-Client Privilege** Attorney Client Privilege Work Product

Attorney-Client Privilege

From: Shekter Smith, Liane (DEQ)
Sent: Friday, November 13, 2015 6:03 PM
To: Kuhl, Richard (AG); Bettenhausen, Margaret (AG); Sygo, Jim (DEQ); Krisztian, George (DEQ); Pallone, Maggie (DEQ); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Anderson, Madhu (DEQ); Wyant, Dan (DEQ)
Cc: Devereaux, Tracy Jo (DEQ); Thelen, Mary Beth (DEQ); Shaler, Karen (DEQ); Benzie, Richard (DEQ); Prysby, Mike (DEQ); Busch, Stephen (DEQ); Shekter Smith, Liane (DEQ)
Subject: Revised/updated DEQ Outline of Flint Drinking Water Issues for Flint Water Task Force - Attorney Client Privilege Work Product

Attorney-Client Privilege

Liane

From: Shekter Smith, Liane (DEQ)
Sent: Wednesday, January 23, 2013 10:15 AM
To: Sygo, Jim (DEQ)
Subject: FW: Flint - Dept of Treasury

Just a heads up that we've been in contact with Treasury regarding water treatment options for the city of Flint.

From: Prysby, Mike (DEQ)
Sent: Wednesday, January 23, 2013 10:01 AM
To: Bloemker, Jon (DEQ); Busch, Stephen (DEQ); Benzie, Richard (DEQ); Shekter Smith, Liane (DEQ)
Subject: Flint - Dept of Treasury

I spoke with Mr. Randy Byrne from the Dept. Treasury – Office of Fiscal Resp. concerning the Flint WTP. Below is a brief summary of our discussion. I can fill you on more details this afternoon just prior or immediately after our KWA meeting.

Q1: The city of Flint has considered using the Flint River as a source of drinking water to be treated at their WTP; however,

The city may be somewhat reluctant to use the river as their source, what is your assessment of this issue?

A: The city could utilize the Flint River ranging from 100% utilization – to a certain percent blending (either Detroit or KWA) or

zero percent utilization of the river. I agree that the city should have concerns of fully utilizing the Flint River (100%) for the following; the need to soften, the potential for more advanced treatment after next round of crypto monitoring, available capacity in Flint River at 100-year low flow, residuals management (disposal of lime sludge). As the percent utilization of the river decreases (blending options), the need for softening, residuals disposal, capacity issues do not pose as much of a concern.

Q2: When comparing the treatment of Lake Huron water vs. Flint River water, are more treatment chemicals needed to effectively treat the water?

A2: Flint river water will require a larger amount of primary coagulant (Ferric) due to poorer raw water quality than Lake Huron water. Also, a different type of primary coagulant (Alum) may be more suitable for the treatment of Lake Huron water. I can confirm that based on what the Detroit Lake Huron WTP uses. Also, since softening would need to be employed, treatment compounds including lime, soda ash, and carbon dioxide would be necessary.

Q3: If the city needed to borrow money to be able to operate full time (KWA or blending), does the DEQ offer funding via the DWRF?

A3: The city could apply for DWRF funding and their eligibility would be based upon how well they score in the overall DWRF ranking process. Also, the total amount of the loan and their ability to repay the loan would be considered.

Q4: Flint has put forth a significant capital investment over the past 10 years to maintain their WTP, is the condition of the WTP sufficient for full time treatment of raw water from Lake Huron ? Are the operators qualified to operate the WTP?

A4: The Flint WTP has demonstrated its ability to treat raw water (Flint River) and meet the drinking water standards based on quarterly test runs since 2009 and two pipeline emergencies that occurred in 2009 where water from the WTP was distributed to the city. Successful operation of the WTP on an intermittent basis is difficult. WTP operators face the constant challenge of maintaining WTP components in good working order while the plant is normally out of service over 90% of the time. The reliability of WTP and its components are better maintained through continuous operation. The operating experience and knowledge of the operators is also better established with full-time operation. WTP operators have the required operator certification and are very familiar with the operation of the Flint WTP, meeting drinking water standards, and troubleshooting operational problems. The Flint WTP is capable of meeting the drinking water standard if the plant was utilized to treat raw water from Lake Huron.

Q5: Do you see any weak links in the WTP or significant improvements if the WTP were to be fully utilized?

A5: I would not see any major treatment changes or additions needed if Lake Huron water was utilized; however, in order for the city to fully utilize its storage capacity, a pumping station would need to be added immediately after the WTP such that treated water can be pumped into the city's 20-Mgal Dort reservoir. In the current configuration, water from Detroit flows by gravity through this reservoir and then into the WTP's 3 Mgal reservoir followed by pumping via Pump Station No. 4 into the city's distribution system. Improvement in stand-by power may also be necessary. Finally, if a component of Flint River water were to be treated, then more advanced treatment based upon higher bin classification (UV disinfection, etc.) could be required based upon crypto. results.

Michael Prysby, P.E.
District Engineer
Office of Drinking Water and Municipal Assistance
517 335-6122

From: Sygo, Jim (DEQ)
Sent: Friday, December 04, 2015 8:37 AM
To: Kaplan, Robert (kaplan.robert@epa.gov)
Subject: Blood Levels

Bob,
Separate story covered the rest.
Hurley study looked at samples over 2 consecutive summers which increased the numbers slightly.

http://www.freep.com/story/news/local/michigan/2015/12/03/flint-kids-lead-levels/76746474/

Message

From: Busch, Stephen (DEQ) [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FD27547C9C1A403A86507DC7F5702EBA-BUSCH STEPHEN]
Sent: 12/6/2013 7:49:04 PM
To: Benzie, Richard (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9ec5ca50fffe4e9392405565b506bc37-Benzie Richard]; Shekter Smith, Liane (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=f8157efaafd2404899c8ad3a4197c53a-Shekter Smith Liane]
CC: Philip, Kris (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c1ee747767d640bca642e1c1ca5ef057-Philip Kristen]
Subject: RE: 2014 Communications planning

770 permits in total.

Stephen Busch, P.E.

Lansing and Jackson District Supervisor

Office of Drinking Water and Municipal Assistance

MDEQ

517-643-2314

From: Benzie, Richard (DEQ)
Sent: Friday, December 06, 2013 2:45 PM
To: Shekter Smith, Liane (DEQ); Busch, Stephen (DEQ)
Cc: Philip, Kris (DEQ)
Subject: RE: 2014 Communications planning

Mostly, but realize that information is only as good as staff chose to describe in their permits. Water main is tracked pretty well, but some permits are for multiple facilities or components that make it difficult to parse it into separate categories or query. We can only try it and see what we get. Kris could give you more info.

From: Shekter Smith, Liane (DEQ)
Sent: Friday, December 06, 2013 2:40 PM
To: Busch, Stephen (DEQ); Benzie, Richard (DEQ)
Subject: RE: 2014 Communications planning

Can we do this? Is the information tracked in a format that would allow what you are suggesting?

Liane J. Shekter Smith, P.E., Chief

Office of Drinking Water and Municipal Assistance

Michigan Department of Environmental Quality

*** Effective August 12, 2013 my new number will be (517) 284-6543*

From: Busch, Stephen (DEQ)
Sent: Friday, December 06, 2013 11:02 AM
To: Benzie, Richard (DEQ); Shekter Smith, Liane (DEQ)
Subject: RE: 2014 Communications planning

If we could quantify construction permitting for FY13, not just number of permits, but water main footage, tanks, wells, treatment facilities, it could help highlight our impact on economic development and the need for water service. If we also take into consideration our average permitting time, this would then also touch on our customer service effort.

Stephen Busch, P.E.

Lansing and Jackson District Supervisor

Office of Drinking Water and Municipal Assistance

MDEQ

517-643-2314

From: Benzie, Richard (DEQ)
Sent: Friday, December 06, 2013 10:48 AM
To: Arntz, Renee (DEQ); Berndt, Jason (DEQ); Brun Del Re, Paul (DEQ); Cook, Pat (DEQ); Fisher, Brant (DEQ); Howard, Brock (DEQ); Koenigsknecht, John (DEQ); Kukuk, Wayne (DEQ); Philip, Kris (DEQ); Shekter, Jean (DEQ); Schmidt, Scott (DEQ); McDermott, Kristine (DEQ)
Cc: Bloemker, Jon (DEQ); Busch, Stephen (DEQ); Donaldson, Kristina (DEQ); Lachance, Amy (DEQ); Thomas, Chuck

(DEQ)
Subject: FW: 2014 Communications planning

We do good work.

One thing missing from the list below was Chuck's note that one of our accomplishments should be that no serious public health problems arose in the public water supply program in the past year. However, it is difficult to quantify "nothing bad happened."

From: Shekter Smith, Liane (DEQ)
Sent: Thursday, December 05, 2013 4:54 PM
To: Wurfel, Brad (DEQ)
Cc: Benzie, Richard (DEQ); Monosmith, Carrie (DEQ); Butler, Sonya (DEQ); Tetzlaff, Katherine (DEQ); Willard, Veronica (DEQ)
Subject: RE: 2014 Communications planning: NEED YOUR HELP

ODWMA came up with a few suggestions:

Stormwater Asset Management & Wastewater (SAW) Program

DEQ was able to plan and develop the new SAW Grant & Loan Program. Enacting legislation was signed on January 2, 2013. Applications for funding were available in October 2013. SAW will award $97M in the first year.

Asset Management Training

Over 500 people attended Asset Management Training provided by the DEQ. The training was designed to provide relevant and timely information to drinking water and wastewater municipal systems.

The issuance of construction permits to the KWA for the installation of Lake Huron Intakes (south of Lexington) to provide water service to Genesee county and Flint.

Issue of construction permits to Bay County for the construction of a new WTP using the Saginaw-Midland Municipal Water System as a source (Lake Huron versus Saginaw Bay).

Successfully rolled out the new Stage II Disinfection By-Product Rule to District Systems, providing technical assistance in the form of draft sampling plans and personalized consultations to ensure that the new rule was implemented smoothly.

The Michigan Groundwater Management Tool (MGMT) is a software platform that was developed in a Joint Funding Agreement with Michigan State University. MGMT utilizes spatially compiled groundwater data and allows for the automated analysis of ground water flow. MGMT now allows us to provide delineations at no charge for the smaller community and non-community water systems. Most of these MGMT delineations closely parallel traditionally developed Wellhead Protection Areas (WHPA's), which cost an average $36,000. In fiscal year 2013, almost 1800 public water supplies had provisional delineations completed by the MGMT at no cost. The provisional delineations identify these WHPA's and are the first critical step in protecting drinking water sources.

A total of 2416 drinking water operators trained in DEQ or jointly sponsored training classes.

Liane J. Shekter Smith, P.E., Chief

Office of Drinking Water and Municipal Assistance

Michigan Department of Environmental Quality

*** Effective August 12, 2013 my new number will be (517) 284-6543*

From: Wurfel, Brad (DEQ)
Sent: Monday, November 25, 2013 5:30 PM
To: Creal, William (DEQ); Fish, Kim (DEQ); Erickson, Susan (DEQ); Wagner, Robert (DEQ); Browne, Elizabeth (DEQ); Shekter Smith, Liane (DEQ); Allan, Jon (DEQ); Fitch, Hal (DEQ); Feighner, Bryce (DEQ); Hellwig, Vince (DEQ); Fiedler, Lynn (DEQ); Kasprzak, Jim (DEQ); Epkey, Amy (DEQ)
Cc: Sellers, Fred (DEQ); Hollenbach, Heidi (DEQ); Roycraft, Phil (DEQ); Hare, Chris (DEQ); Hartz, Andrew (DEQ); Ethridge, Christopher (DEQ); Adelman, Mitch (DEQ); McClellan, Michael (DEQ); Casey, Steve (DEQ); Sweeney, Brian

(DEQ); Thelen, Mary Beth (DEQ); Feuerstein, Heather (DEQ); Wyant, Dan (DEQ)
Subject: 2014 Communications planning: NEED YOUR HELP
Importance: High

Greetings, all. We're moving toward a great 2014, where we will be doing more strategic communication and impactful storytelling.

As we prepare the departmental communications plan, I need your input. The Director has tasked me with collecting 2013 Accomplishments from each of the divisions and districts.

I don't need a book. Half a dozen of your top accomplishments on the year would be very helpful. One liner with a few sentences.

I need these by Dec. 6, in preparation for an off-site planning meeting Dec. 9.

If you have questions, please get in touch with me directly. THANK YOU, and happy holidays.

Brad Wurfel

Communications Director

Michigan Department of Environmental Quality

PLEASE NOTE NEW DESK PHONE:

517-284-6713 – office

- cell

Message

From: Busch, Stephen (DEQ) [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FD27547C9C1A403A86507DC7F5702EBA-BUSCH STEPHEN]
Sent: 12/6/2013 8:27:37 PM
To: Benzie, Richard (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9ec5ca50fffe4e9392405565b506bc37-Benzie Richard]; Shekter Smith, Liane (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=f8157efaafd2404899c8ad3a4197c53a-Shekter Smith Liane]
CC: Philip, Kris (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c1ee747767d640bca642e1c1ca5ef057-Philip Kristen]
Subject: RE: 2014 Communications planning

15 well improvement projects with a total related capacity of 4541 gpm (6.54 MGD).

The turnaround time averages for the total 770 permits:

Received to Issue = 16 days avg.

Admin. Complete to Issue = 11 days avg.

Stephen Busch, P.E.

Lansing and Jackson District Supervisor

Office of Drinking Water and Municipal Assistance

MDEQ

517-643-2314

From: Benzie, Richard (DEQ)
Sent: Friday, December 06, 2013 2:45 PM
To: Shekter Smith, Liane (DEQ); Busch, Stephen (DEQ)
Cc: Philip, Kris (DEQ)
Subject: RE: 2014 Communications planning

Mostly, but realize that information is only as good as staff chose to describe in their permits. Water main is tracked pretty well, but some permits are for multiple facilities or components that make it difficult to parse it into separate categories or query. We can only try it and see what we get. Kris could give you more info.

From: Shekter Smith, Liane (DEQ)
Sent: Friday, December 06, 2013 2:40 PM
To: Busch, Stephen (DEQ); Benzie, Richard (DEQ)
Subject: RE: 2014 Communications planning

Can we do this? Is the information tracked in a format that would allow what you are suggesting?

Liane J. Shekter Smith, P.E., Chief

Office of Drinking Water and Municipal Assistance

Michigan Department of Environmental Quality

*** Effective August 12, 2013 my new number will be (517) 284-6543*

From: Busch, Stephen (DEQ)
Sent: Friday, December 06, 2013 11:02 AM
To: Benzie, Richard (DEQ); Shekter Smith, Liane (DEQ)
Subject: RE: 2014 Communications planning

If we could quantify construction permitting for FY13, not just number of permits, but water main footage, tanks, wells, treatment facilities, it could help highlight our impact on economic development and the need for water service. If we also take into consideration our average permitting time, this would then also touch on our customer service effort.

Stephen Busch, P.E.

Lansing and Jackson District Supervisor

Office of Drinking Water and Municipal Assistance

MDEQ

517-643-2314

From: Benzie, Richard (DEQ)
Sent: Friday, December 06, 2013 10:48 AM
To: Arntz, Renee (DEQ); Berndt, Jason (DEQ); Brun Del Re, Paul (DEQ); Cook, Pat (DEQ); Fisher, Brant (DEQ); Howard, Brock (DEQ); Koenigsknecht, John (DEQ); Kukuk, Wayne (DEQ); Philip, Kris (DEQ); Shekter, Jean (DEQ); Schmidt, Scott (DEQ); McDermott, Kristine (DEQ)
Cc: Bloemker, Jon (DEQ); Busch, Stephen (DEQ); Donaldson, Kristina (DEQ); Lachance, Amy (DEQ); Thomas, Chuck (DEQ)
Subject: FW: 2014 Communications planning

We do good work.

One thing missing from the list below was Chuck's note that one of our accomplishments should be that no serious public health problems arose in the public water supply program in the past year. However, it is difficult to quantify "nothing bad happened."

From: Shekter Smith, Liane (DEQ)
Sent: Thursday, December 05, 2013 4:54 PM
To: Wurfel, Brad (DEQ)
Cc: Benzie, Richard (DEQ); Monosmith, Carrie (DEQ); Butler, Sonya (DEQ); Tetzlaff, Katherine (DEQ); Willard, Veronica (DEQ)
Subject: RE: 2014 Communications planning: NEED YOUR HELP

ODWMA came up with a few suggestions:

Stormwater Asset Management & Wastewater (SAW) Program

DEQ was able to plan and develop the new SAW Grant & Loan Program. Enacting legislation was signed on January 2, 2013. Applications for funding were available in October 2013. SAW will award $97M in the first year.

Asset Management Training

Over 500 people attended Asset Management Training provided by the DEQ. The training was designed to provide relevant and timely information to drinking water and wastewater municipal systems.

The issuance of construction permits to the KWA for the installation of Lake Huron Intakes (south of Lexington) to provide water service to Genesee county and Flint.

Issue of construction permits to Bay County for the construction of a new WTP using the Saginaw-Midland Municipal Water System as a source (Lake Huron versus Saginaw Bay).

Successfully rolled out the new Stage II Disinfection By-Product Rule to District Systems, providing technical assistance in the form of draft sampling plans and personalized consultations to ensure that the new rule was implemented smoothly.

The Michigan Groundwater Management Tool (MGMT) is a software platform that was developed in a Joint Funding Agreement with Michigan State University. MGMT utilizes spatially compiled groundwater data and allows for the automated analysis of ground water flow. MGMT now allows us to provide delineations at no charge for the smaller community and non-community water systems. Most of these MGMT delineations closely parallel traditionally developed Wellhead Protection Areas (WHPA's), which cost an average $36,000. In fiscal year 2013, almost 1800 public water supplies had provisional delineations completed by the MGMT at no cost. The provisional delineations identify these WHPA's and are the first critical step in protecting drinking water sources.

A total of 2416 drinking water operators trained in DEQ or jointly sponsored training classes.

Liane J. Shekter Smith, P.E., Chief

Office of Drinking Water and Municipal Assistance

Michigan Department of Environmental Quality

*** Effective August 12, 2013 my new number will be (517) 284-6543*

From: Wurfel, Brad (DEQ)
Sent: Monday, November 25, 2013 5:30 PM
To: Creal, William (DEQ); Fish, Kim (DEQ); Erickson, Susan (DEQ); Wagner, Robert (DEQ); Browne, Elizabeth (DEQ); Shekter Smith, Liane (DEQ); Allan, Jon (DEQ); Fitch, Hal (DEQ); Feighner, Bryce (DEQ); Hellwig, Vince (DEQ); Fiedler, Lynn (DEQ); Kasprzak, Jim (DEQ); Epkey, Amy (DEQ)
Cc: Sellers, Fred (DEQ); Hollenbach, Heidi (DEQ); Roycraft, Phil (DEQ); Hare, Chris (DEQ); Hartz, Andrew (DEQ); Ethridge, Christopher (DEQ); Adelman, Mitch (DEQ); McClellan, Michael (DEQ); Casey, Steve (DEQ); Sweeney, Brian (DEQ); Thelen, Mary Beth (DEQ); Feuerstein, Heather (DEQ); Wyant, Dan (DEQ)
Subject: 2014 Communications planning: NEED YOUR HELP
Importance: High

Greetings, all. We're moving toward a great 2014, where we will be doing more strategic communication and impactful storytelling.

As we prepare the departmental communications plan, I need your input. The Director has tasked me with collecting 2013 Accomplishments from each of the divisions and districts.

I don't need a book. Half a dozen of your top accomplishments on the year would be very helpful. One liner with a few sentences.

I need these by Dec. 6, in preparation for an off-site planning meeting Dec. 9.

If you have questions, please get in touch with me directly. THANK YOU, and happy holidays.

Brad Wurfel

Communications Director

Michigan Department of Environmental Quality

PLEASE NOTE NEW DESK PHONE:

517-284-6713 – office

PPI cell

From: Bloemker, Jon (DEQ)
Sent: Thursday, September 22, 2011 8:43 AM
To: Shekter Smith, Liane (DEQ);Joseph, Mark (DEQ);Verona, Laura (DEQ)
Cc: Lee, Lonnie (DEQ);Browne, Elizabeth (DEQ);Green, Kelly (DEQ);Willard, Veronica (DEQ);Ashford, Stephen (DEQ);Prysby, Mike (DEQ)
Subject: RE: Genesee County - Proposal for regional system

In the original meetings, we agreed that the Saginaw Bay District would review the plans for the intake, raw water pump station and the transmission line through Sanilac County. The Lansing District was responsible for the raw water transmission line through Lapeer and Genesee Counties plus the treatment plant located in Genesee County. John O'Brien et al, from Genesee County Drain Commission, participated in these meetings.

We have all ready reviewed portions of the draft feasibility study and conceptional plans.

From: Shekter Smith, Liane (DEQ)
Sent: Wednesday, September 21, 2011 5:22 PM
To: Joseph, Mark (DEQ); Bloemker, Jon (DEQ); Verona, Laura (DEQ)
Cc: Lee, Lonnie (DEQ); Browne, Elizabeth (DEQ); Hoffman, Kelly (DEQ); Willard, Veronica (DEQ)
Subject: Genesee County - Proposal for regional system

Just wanted to follow-up a meeting we (Sonya Butler, Kelly Hoffman, and I) sat in on last week with Genesee County to discuss the new water authority and their plans for a regional system with Lapeer County, Sanilac County, the city of Lapeer, and the city of Flint.

In general, they took the opportunity to describe for us their master plan. We discussed options for revolving loan dollars. In addition, they asked if we (the community water supply program) could coordinate the reviews for permitting that would be needed in light of the fact that the project will be crossing district boundaries.

I think it will be helpful if we could discuss via a conference call. Since everyone was out last week at the Section meeting, I haven't had a chance to coordinate the conversation yet. Thought I'd share this note to get you thinking about issues you might see on the horizon.

Laura – I've included you since the Detroit system is obviously impacted by any proposal that is being discussed. They indicated in the meeting that they had reached an agreement (or at least a meeting of the minds) with the city of Detroit regarding a couple of options available to them relative to proceeding with the proposal. Perhaps you've heard something from the city that might shed some more light on this.

Veronica could you please set up a call for us. Friday morning looks good for me. It might have to wait until next week depending on calendars.

Kelly – would it be helpful for you to participate in the call in order to hear the discussion from the program side? They may also have questions for you.

Liane

From: Prysby, Mike (DEQ)
Sent: Friday, September 23, 2011 8:32 AM
To: Bloemker, Jon (DEQ);Shekter Smith, Liane (DEQ);Joseph, Mark (DEQ);Verona, Laura (DEQ)
Cc: Lee, Lonnie (DEQ);Browne, Elizabeth (DEQ);Green, Kelly (DEQ);Willard, Veronica (DEQ);Ashford, Stephen (DEQ)
Subject: RE: Genesee County - Proposal for regional system

Thanks for the update on the status of the Lake Huron Water Supply Karegnondi Water Authority project. I will be the main contact person in the Lansing District who will be responsible for plan review, issuing the construction permits, and participation in upcoming meetings. We received a copy of the preliminary engineering report. Tim B. and myself have previously reviewed portions of the report. .

Michael Prysby – MDEQ 517 335-6122

From: Bloemker, Jon (DEQ)
Sent: Thursday, September 22, 2011 8:43 AM
To: Shekter Smith, Liane (DEQ); Joseph, Mark (DEQ); Verona, Laura (DEQ)
Cc: Lee, Lonnie (DEQ); Browne, Elizabeth (DEQ); Hoffman, Kelly (DEQ); Willard, Veronica (DEQ); Ashford, Stephen (DEQ); Prysby, Mike (DEQ)
Subject: RE: Genesee County - Proposal for regional system

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Cc: Lee, Lonnie (DEQ); Browne, Elizabeth (DEQ); Hoffman, Kelly (DEQ); Willard, Veronica (DEQ)
Subject: Genesee County - Proposal for regional system

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Kelly – would it be helpful for you to participate in the call in order to hear the discussion from the program side? They may also have questions for you.

Liane

From: Prysby, Mike (DEQ)
Sent: Tuesday, July 03, 2012 2:04 PM
To: Shekter Smith, Liane (DEQ)
Cc: Browne, Elizabeth (DEQ);Lee, Lonnie (DEQ)
Subject: RE: Director's visit to Flint

The Director's visit to the Flint WTP went well. The WTP was in test-run operation at the time of the visit. I will be meeting with Lonnie at 2:30pm today for the DS conference call and can discuss the visit highlights in a bit more detail with you after the call, or at your earliest convenience.

Michael Prysby, P.E.
Acting District Supervisor
RMD, MDEQ
335-6122

From: Browne, Elizabeth (DEQ)
Sent: Thursday, June 21, 2012 4:43 PM
To: Prysby, Mike (DEQ)
Subject: RE: Director's visit to Flint

We will be interested in hearing how it goes – let us know when you have time to report back after the visit!

Liz Browne
Assistant Chief
Resource Management Division
MI Department of Environmental Quality
517-335-6947
brownee@michigan.gov

From: Prysby, Mike (DEQ)
Sent: Thursday, June 21, 2012 4:32 PM
To: Browne, Elizabeth (DEQ)
Subject: RE: Director's visit to Flint

Liz,

We still haven't heard anything from Flint on this….the city is very undecided on the direction to proceed and given their financial situation, this decision is even more difficult. I would not be surprised to see a city official (as part of the WTP visit) take the opportunity to pitch this concern to the Director.

Michael Prysby, P.E.
Acting District Supervisor
RMD, MDEQ
335-6122

From: Browne, Elizabeth (DEQ)
Sent: Thursday, June 21, 2012 4:26 PM
To: Prysby, Mike (DEQ)
Subject: RE: Director's visit to Flint

Very true – the Director really appreciates getting an understanding of DEQ programs, so any points you can work into the conversation (including the back-up requirements) will most likely be of interest – we all want to feel good about our drinking water. He lives in EL, so if you want to compare 2 plants (Flint and another) during the tour, East Lansing may be the way to go. What is the latest on Flint wanting to go it alone or to blend?

Liz Browne
Assistant Chief
Resource Management Division
MI Department of Environmental Quality
517-335-6947
brownee@michigan.gov

From: Prysby, Mike (DEQ)
Sent: Thursday, June 21, 2012 4:23 PM
To: Browne, Elizabeth (DEQ)
Subject: RE: Director's visit to Flint

Liz,

It may also be worth to stress the importance of the Flint WTP since the facility is city's only back-up source of drinking water in the event that the 72-inch pipeline from DWSD is taken out of service for emergency repair. The WTP played in critical role in maintaining a potable supply of drinking water thus protecting public health for over 100,000 people during two pipeline outages in 2009.

Michael Prysby, P.E.
Acting District Supervisor
RMD, MDEQ
335-6122

From: Browne, Elizabeth (DEQ)
Sent: Thursday, June 21, 2012 2:31 PM
To: Prysby, Mike (DEQ); Shekter Smith, Liane (DEQ); Lee, Lonnie (DEQ)
Cc: Benzie, Richard (DEQ)
Subject: RE: Director's visit to Flint

You will be able to mention your recent successes in getting some of your small plants shut down and the transition to a more reliable water source as part of your event. It might be especially good to mention it in front of Brad Wurfel (as he has not responded to my earlier note on the subject). I know it is the Flint versus Genesee plant you are visiting, but it is still a good story. There are often also legislators in attendance and they should appreciate how you have worked to protect their constituents!

Liz Browne
Assistant Chief
Resource Management Division

MI Department of Environmental Quality
517-335-6947
brownee@michigan.gov

From: Prysby, Mike (DEQ)
Sent: Thursday, June 21, 2012 1:39 PM
To: Shekter Smith, Liane (DEQ); Browne, Elizabeth (DEQ); Lee, Lonnie (DEQ)
Cc: Benzie, Richard (DEQ)
Subject: FW: Director's visit to Flint

I would like to inform you of the Director's visit to the city of Flint that is being arranged with the assistance of Ben Hall. Following a morning meeting in Flint, the Director plans to visit several Flint facilities during the afternoon. I offered up the Flint Water Treatment Plant as one of visits. I also confirmed with the WTP OIC that the treatment plant will be conducting a routine plant test run at this time. I plan on attending since I oversee the Flint WTP and I will also invite other LDO drinking water staff to attend as their schedules allow. I will inform you as to the time of the visit as soon as I am informed.

Michael Prysby, P.E.
Acting District Supervisor
RMD, MDEQ
335-6122

From: Hall, Ben (DEQ)
Sent: Wednesday, June 20, 2012 11:36 AM
To: Prysby, Mike (DEQ); McClellan, Michael (DEQ)
Subject: Director's visit to Flint

We should go ahead and plan on a trip to the water treatment plant and the power plant for the 29th. So we need to determine what staff will be going, what times for the visits and the locations to meet the director. All of which we need to put together an give to the director who will be driving separately to an earlier meeting. We should meet this week once we know who is going and a street address for each visit.

Ben Hall
Lansing District Supervisor
Remediation Division
Mich Department of Environmental Quality
517-335-6228
hallb1@michigan.gov

From: Clover Adams, Jamie (MDA)
Sent: Sunday, October 28, 2012 5:54 PM
To: Creal, William (DEQ);Wyant, Dan (DEQ)
Cc: Creagh, Keith (DNR);Sygo, Jim (DEQ);Shekter Smith, Liane (DEQ);Anderson, Madhu (DEQ);Datema, Maggie (DEQ);Klemans, Diana (DEQ)
Subject: Re: Briefing on Karegnondi Project/City of Flint

I have not been broached about this project. Jamie

Sent from my Verizon Wireless Phone

----- Reply message -----
From: "Creal, William (DEQ)" <CREALW@michigan.gov>
To: "Wyant, Dan (DEQ)" <WyantD@michigan.gov>
Cc: "Creagh, Keith (DNR)" <creaghk@michigan.gov>, "Clover Adams, Jamie (MDA)" <CloveradamsJ@michigan.gov>, "Sygo, Jim (DEQ)" <SygoJ@michigan.gov>, "Shekter Smith, Liane (DEQ)" <SHEKTERL@michigan.gov>, "Anderson, Madhu (DEQ)" <AndersonM30@michigan.gov>, "Datema, Maggie (DEQ)" <DatemaM@michigan.gov>, "Klemans, Diana (DEQ)" <KLEMANSD@michigan.gov>
Subject: Briefing on Karegnondi Project/City of Flint
Date: Sun, Oct 28, 2012 14:23

Yes. This project will decrease the Dwsd drinking water revenue, although the city has been all over the board on this issue. Please remember that this withdrawal has only been permitted for drinking water supply so far, with nothing for agricultural use.

On Oct 28, 2012, at 2:11 PM, "Wyant, Dan (DEQ)" <WyantD@michigan.gov> wrote:

> Andy Dillon is getting pulled into this issue. Andy asked the Governor at the Group Executive meeting if the administration has a position on this project. The Governor said he needs to know more. I think we have all been approached on this project. Keith/Jamie, have you taken a position on this? Bill, am I correct in saying this will have effect on DWSD?
>
> Dan Wyant, Director
> Department of Environmental Quality
> 517-373-7917
>
> **From:** Dillon, Andy (Treasury)
> **Sent:** Wednesday, October 24, 2012 4:18 PM
> **To:** Wyant, Dan (DEQ)
> **Subject:** Fwd: Briefing on Karegnondi Project/City of Flint
>
> Sent from my iPad
>
> Begin forwarded message:

From: "Fraser, Roger (Treasury)" <FraserR1@michigan.gov>
To: "Dillon, Andy (Treasury)" <DillonA2@michigan.gov>, "Stibitz, Brom (Treasury)" <StibitzB@michigan.gov>, "Koryzno, Edward (Treasury)" <KoryznoE@michigan.gov>, "Mike Brown (mbrown@reinvestflint.org)" <mbrown@reinvestflint.org>
Cc: "Hichez, Amy (Treasury)" <HichezA@michigan.gov>, "Cousineau, Sara (Treasury)" <CousineauS@michigan.gov>, "'mmurray@cityofflint.com'" <mmurray@cityofflint.com>
Subject: Briefing on Karegnondi Project/City of Flint

Discussion: Brief Treasury on pros and cons of Karegnondi project. There are concerns about cost and engineering constraints. Report for Flint in late 90's….suggested this project was not financially feasible.

Attendees:

State of Michigan
Andy Dillon - Treasurer
Brom Stibitz – Policy Advisor
Roger Fraser – Deputy Treasurer
Ed Koryzno – Office of Fiscal Responsibility

City of Flint – (confirmed attendance with Maxine Murray)
Mike Brown – City Administrator
Jerry Ambrose, Finance Director
Howard Croft, Director of Infrastructure & Development

Genesee County – (confirmed attendance with Maxine Murray)
Jeff Wright, Genesee County Drain Commissioner
John OBrian, Chief Deputy Drain Commissioner
Dave Jansen, Assistant Director, Genesee County Drain Commission
Rick Freeman, Rowe Professional Service

Tucker, Young, Jackson & Tull – (confirmed attendance with David Guastella)
George Karmo, President
David Guastella
Awni Qaqish

From: Creal, William (DEQ)
Sent: Sunday, October 28, 2012 7:06 PM
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Cc: Wyant, Dan (DEQ);Clover Adams, Jamie (MDA);Sygo, Jim (DEQ);Shekter Smith, Liane (DEQ);Anderson, Madhu (DEQ);Datema, Maggie (DEQ)
Subject: Re: Briefing on Karegnondi Project/City of Flint

The withdrawal permit we issued does not allow for ag use of the water.

On Oct 28, 2012, at 6:25 PM, "Creagh, Keith (DNR)" <creaghk@michigan.gov> wrote:

> Dan,
> The "Flint Group" made a presentation to the ICC Rural Dev subcommittee awhile back. I did send a letter supporting the project with the understanding that it had Detroit support which we were assured of (they were going to purchase the Imlay City to Flint line from Detroit) at the time. If feasible it will solve drinking water problems in Sanilac county as well as supply untreated water for ag processing. Jim Goodheart from DEQ was at the presentation. We have not taken an official position on the position as an ICC on the effort to the best of my knowledge. As you may be aware some of the Ag organizations have an interest in the project.
> Keith's
>
> Sent from my iPhone
>
> On Oct 28, 2012, at 2:11 PM, "Wyant, Dan (DEQ)" <WyantD@michigan.gov> wrote:
>
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> >
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> > **From:** "Fraser, Roger (Treasury)" <FraserR1@michigan.gov>
> > **To:** "Dillon, Andy (Treasury)" <DillonA2@michigan.gov>, "Stibitz, Brom (Treasury)" <StibitzB@michigan.gov>, "Koryzno, Edward (Treasury)" <KoryznoE@michigan.gov>, "Mike Brown (mbrown@reinvestflint.org)" <mbrown@reinvestflint.org>

Cc: "Hichez, Amy (Treasury)" <HichezA@michigan.gov>, "Cousineau, Sara (Treasury)" <CousineauS@michigan.gov>, "'mmurray@cityofflint.com'" <mmurray@cityofflint.com>
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Rick Freeman, Rowe Professional Service

Tucker, Young, Jackson & Tull – (confirmed attendance with David Guastella)
George Karmo, President
David Guastella
Awni Qaqish

From: Donaldson, Kristina (DEQ)
Sent: Thursday, November 01, 2012 11:55 AM
To: Shekter Smith, Liane (DEQ);Maul, Sue (DEQ)
Subject: RE: Highland Park
Attachments: Highland Park Determination and Order2nd response letter -KD Revised.doc

Attached is the letter with a couple minor wording changes. Otherwise it sounds good to me.

I have not heard anything about the treasury meeting either. Abu and I visited the plant Monday evening and conditions continue to deteriorate. There were about 5 days last week that they were unable to collect samples from the filter confluence point (compliance point) due to a watermain break nearby that flowed continually thus lowering their reservoir level and subsequently causing the sample pump to lose its prime. Thankfully samples were being collected at each filter effluent and at the plant tap (on either side of the malfunctioning point) that demonstrated turbidity was meeting standards. The clarifiers are filling with sludge and also have a 0.5-1" thick layer of floating sludge that developed over the course of a week. This has happened before and they have removed it using pool skimmers. We asked them to work on that this week. Filters are requiring backwash every 8-16 hours instead of every 24-36. They have airbinding in the filters that is likely a result of air in the system due to pump change in service. It could also be due to the poor state of the filter media. There are so many things wrong it's hard to pinpoint the cause of any one thing at times. Abu and/or I will visit the plant each week to check on turbidity readings and contractor progress as well as pick up copies of their bench sheets listing turbidity results and calibration records. I want to keep a close eye on turbidity levels until the clarifier/turbidimeter work is completed. We looked at the valves that need to be fixed on the clarifiers and the contractors are aware of what they need to do. I'm glad that the work is happening now, because the clarifier situation is deteriorating.
Thanks,

Kris

From: Shekter Smith, Liane (DEQ)
Sent: Thursday, November 01, 2012 11:25 AM
To: Maul, Sue (DEQ); Donaldson, Kristina (DEQ)
Subject: RE: Highland Park

No.

But I thought this was interesting. I heard on NPR yesterday that Treasury is meeting with Flint regarding their water supply plans/options and I understand that DWSD is also supposed to attend.

From: Maul, Sue (DEQ)
Sent: Thursday, November 01, 2012 11:09 AM
To: Shekter Smith, Liane (DEQ); Donaldson, Kristina (DEQ)
Subject: RE: Highland Park

Thanks Liane. I was waiting to hear from you and Kris before I ran it by John Scherbarth. Last time I talked to John he asked about a response to the DWSD letter to Treasury. Has there been any communication from Treasury; do we know if they met with Sue McCormick?

Sue

From: Shekter Smith, Liane (DEQ)
Sent: Thursday, November 01, 2012 11:02 AM
To: Maul, Sue (DEQ); Donaldson, Kristina (DEQ)
Subject: RE: Highland Park

I have one minor suggestion which I highlighted (track changes was being persnickety).

Did we/should we run this by John S. before it's finalized?

Kris – anything you wanted to add? Change?

Liane J. Shekter Smith, P.E., Chief
Office of Drinking Water and Municipal Assistance
Michigan Department of Environmental Quality
517-373-9523

From: Maul, Sue (DEQ)
Sent: Monday, October 29, 2012 9:59 AM
To: Shekter Smith, Liane (DEQ); Donaldson, Kristina (DEQ)
Subject: Highland Park

Attached is a draft letter to the City addressing the work the City has started on the clarifiers, the turbidimeter work that is next on their to-do list, and holding all other compliance dates in abeyance as the City continues to work towards a contract with DWSD. Please review the letter and let me know if there is anything else you would like to see in it. Thanks.

Sue

From: Bloemker, Jon (DEQ)
Sent: Tuesday, December 04, 2012 7:59 AM
To: Donaldson, Kristina (DEQ);Benzie, Richard (DEQ);Cook, Pat (DEQ)
Cc: Shekter Smith, Liane (DEQ)
Subject: RE: Water Plant Mothballing

I have only been involved with two plants temporarily to permanently shutting down. When Flint was test running their plant twice per year, they would shut down temporarily for six months. Flatrock had a temporarily shut down that became permanent.

Remembering these procedures, I believe you are on the right track. Definitely, remove all chemicals from lines and feeders. I would strongly recommend getting ALL the chemicals out of the treatment plant. The chlorine cylinders definitely should be relocated for the sake of security. The activated carbon and fluorosilicic acid are disasters waiting to happen. The PAC is a fire hazard. The fluorosilicic acid is a spill and bio hazard. They may want to look at how to properly dispose the chemicals. I don't think there is anybody in their right mind wanting old chemicals from the Highland Park WTP.

Drain ALL the sludge and water from the sedimentation basins and sludge lines.

In both of the other shut down cases, water was kept in the filters at least to the height of the top of the media. In Highland Park's situation, I say drain the filters and all associated lines in the filter gallery completely.

Other major issues are the raw and finished water reservoirs. The raw is self-draining at the expense of the neighbors. The finished water reservoir may be another story.

Other issues are plant security and structural stability. The scrappers and thieves would have a field day. The city may want to have the power to the plant shut off, and they may want to think about the transformers.

Let's talk about the issue tomorrow and Thursday.

-----Original Message-----
From: Donaldson, Kristina (DEQ)
Sent: Monday, December 03, 2012 9:20 PM
To: Bloemker, Jon (DEQ); Benzie, Richard (DEQ); Cook, Pat (DEQ)
Subject: Water Plant Mothballing

Highland Park wants to "properly" shut down their plant and keep it in reserve in the event they are able to generate enough funds to fix everything and reopen it in the future. I need to give Highland Park some recommendations on how to go about the shutdown. I was thinking dewater/dry everything out, winterize, remove chemicals, and then safely secure the property. In reality there is not much to preserve but they want to go about the shut down the right way. Has this been done before in michigan? Do you have any other recommendations/thoughts?

Thanks!
Kris

From: Tetzlaff, Katherine (DEQ)
Sent: Thursday, August 22, 2013 4:01 PM
To: Bloemker, Jon (DEQ)
Cc: Shekter Smith, Liane (DEQ)
Subject: 2013 DEQ Update.pptx
Attachments: 2013 DEQ Update.pptx

Jon,

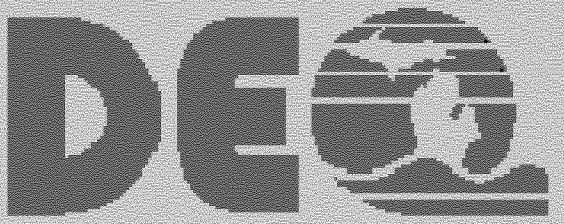
Attached are updates, as you requested. Thanks for your patience.

Kathy

Kathy Tetzlaff
Department Of Environmental Quality
Resource Management Group
Administration Section Chief for
Office of Drinking Water & Municipal Assistance
Office of Waste Management & Radiological Protection
Office of Oil, Gas, & Minerals
*(517) 284-6500 ** New number*
tetzlaffk@michigan.gov

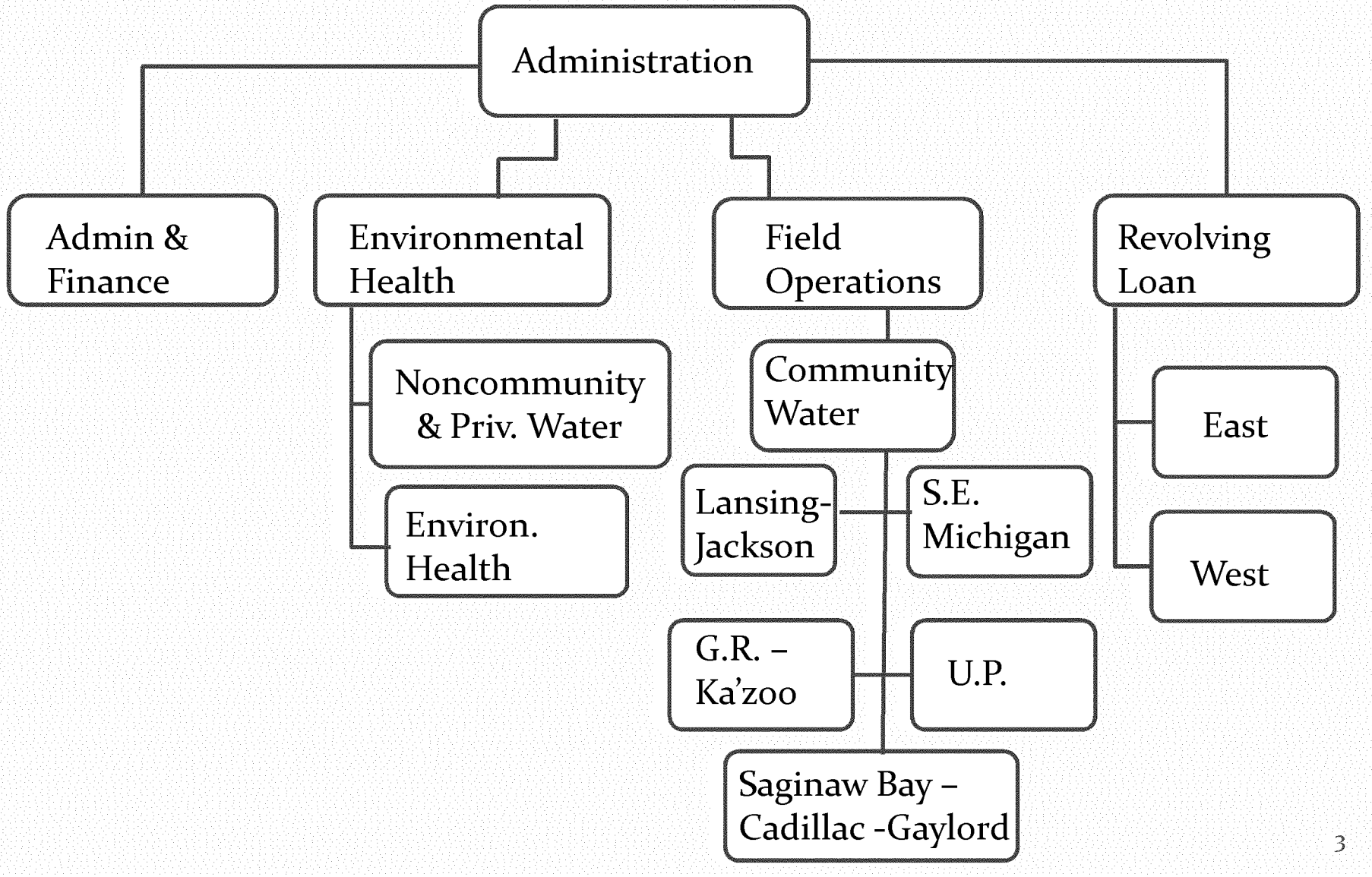
2013 DEQ Update

Office of Drinking Water &
Municipal Assistance

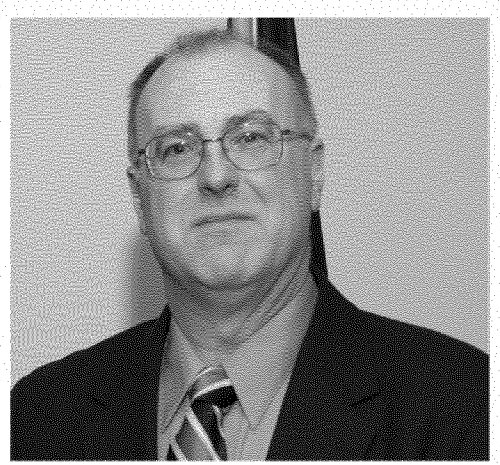


Old Structure
Drinking Water Lost in Mix

Organizational Structure

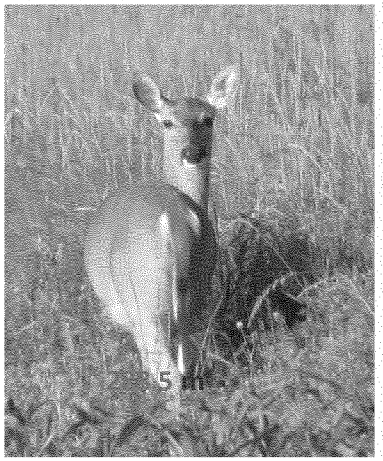


New Supervisors



Chuck Thomas
Upper Peninsula

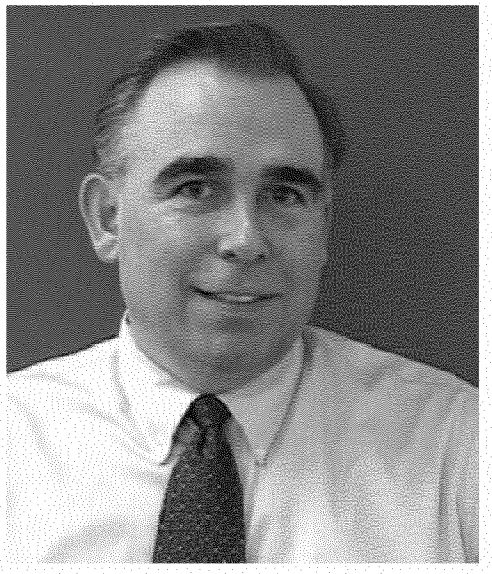
Amy Lachance
Grand Rapids-



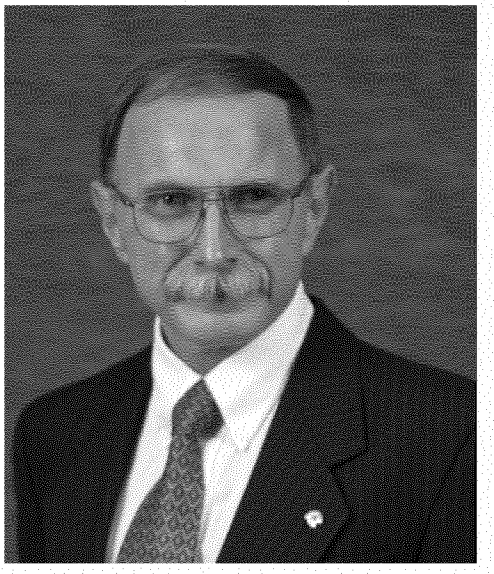
Kris Donaldson
S.E. Michigan

Steve Busch
Lansing-Jackson

Two Existing



Richard Benzie
Community Water Unit
(Constitution Hall)



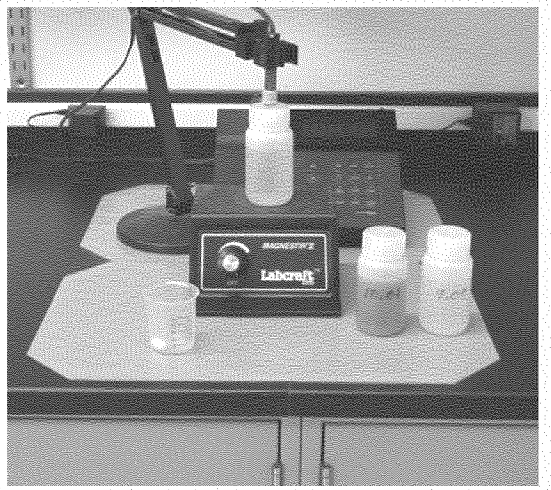
Jon Bloemker
Everything North of M-46
in Lower Peninsula

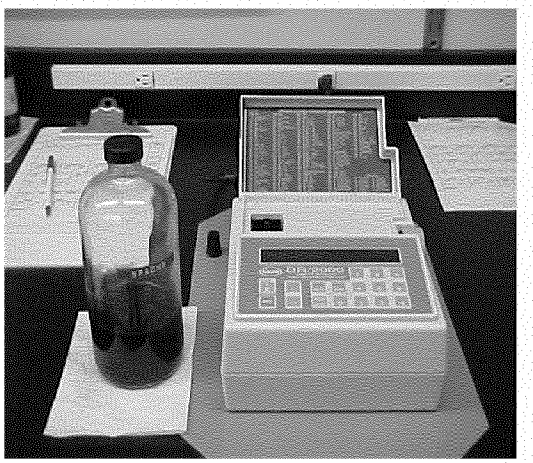
Newest AWWA Member

Concentrate Efforts

Dedicated Drinking Water Staff Training

- Safety Awareness vs. HAZWOPER
- Lab Courses
  - DEQ Lab Practices
  - MSU Short Course
  - Water Plant Practical
- Hydrant Flow Measurements
- Cross District Boundary Experiences





Goal

- Regain DW Technical Expertise in Districts
- Minimize Impacts of Recent & Upcoming Retirement

Significant Events

- ODWMA working with Department of Treasury
  - Emergency Mangers (EM)
    - Benton Harbor
    - Flint
    - Pontiac
    - Highland Park
    - Detroit

Department of Treasury

Flint

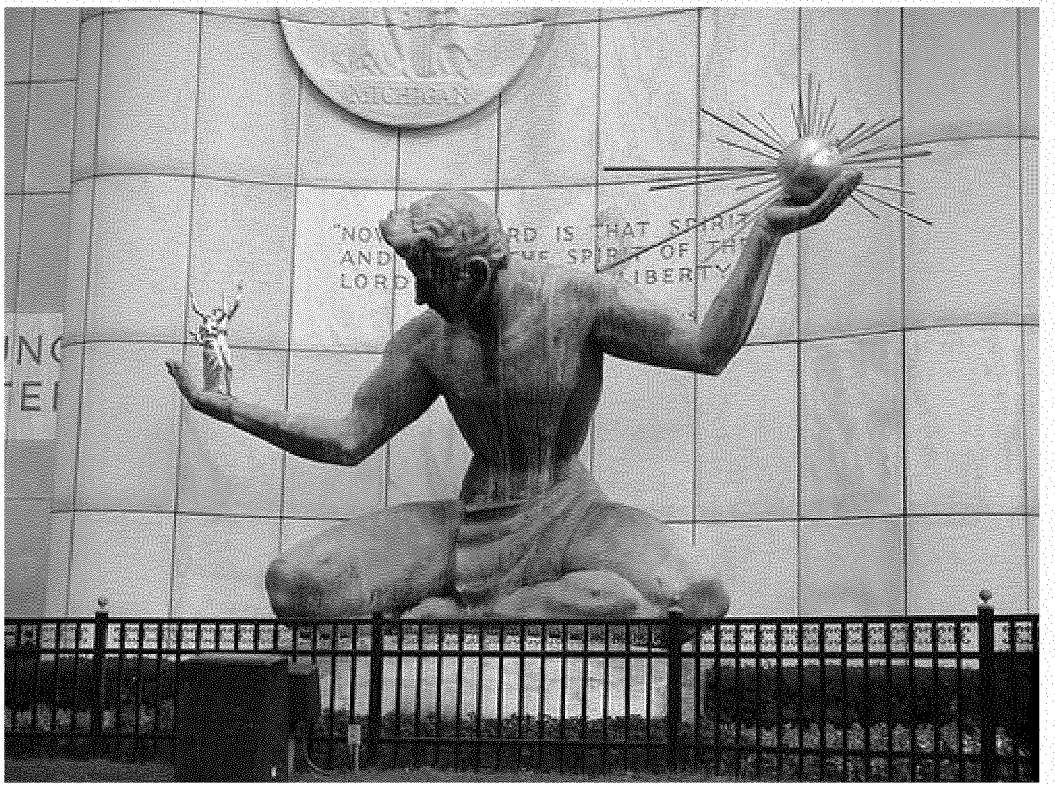
- Expiring Contract with DWSD
- Joining KWA

Highland Park

- Existing Plant
  - Dates to 1922
  - In Need of Major Improvements
- Service by DWSD
  - Practical & Immediately Available

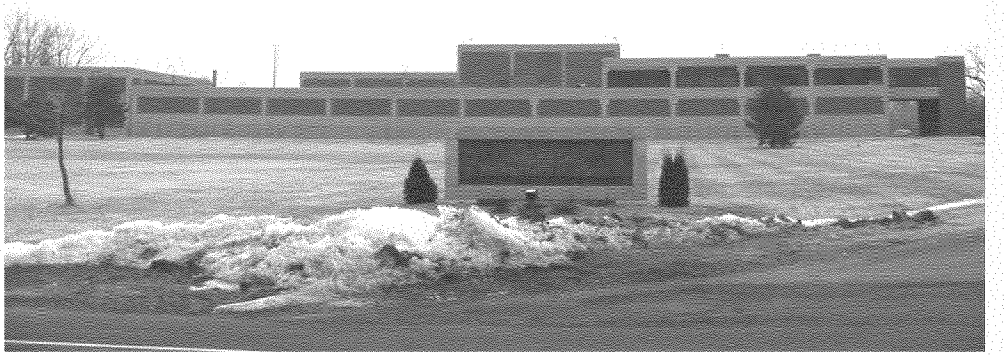
DWSD

- Impact of Detroit Chapter 9 Unknown



Bay County & City

- Cooperation
- Save Money
- Improve Aesthetic Water Quality
  - Lake Huron vs. Saginaw Bay
  - New WTP



Drinking Water Budget

Category	2012	2013 Projected	2014 Projected
Federal Grants	$8,458,600	$8,830,300	$9,306,900
General Fund	$1,207,200	$1,240,700	$1,275,000
Fees	$4,041,600	$4,010,800	$4,091,000
DWRF Loans	$29,191,000	$27,900,000	$25,000,000
One Time Relief*	$31,300	$0	$0
Total	$42,929,700	$41,981,800	$39,672,900

* One time relief provided to offset the first year of costs for Other Post Employment Benefits (OPEB)

Sequestering

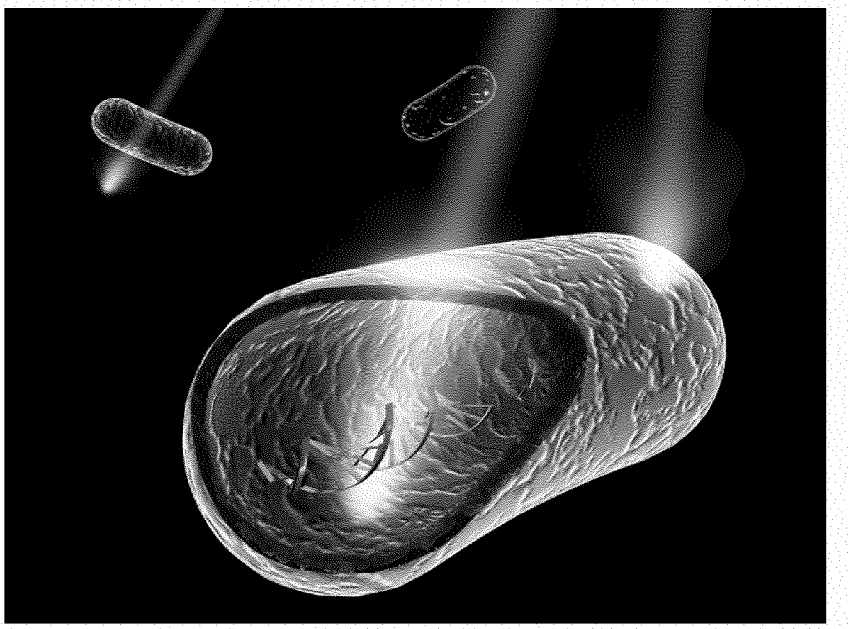
- The program incurred a 5% federal fund reduction in FY 2013
- FY 2014 sequestration impacts are unknown, but there is the potential for an 8% - 12% reduction. This reduction will be taken from the already reduced levels of funding in FY 2013.

SDWA Rules Corrections

- Effective June 15, 2013
  - Corrected Citations
  - Corrected Spelling

Next Rules Package

- Promulgation of RTCR by 2015
  - Stakeholders Meetings
    - Starting August 2013



Operator Certification Program

- Fees
  - Renewals
  - Examination
- Split of Drinking Water & Waste Water programs
- Program moved to Community Water Unit

Revised Total Coliform Rule (RTCR)

- Published in Federal Register on 2/13/13
- Applies to all Public Water Supplies
- Compliance date is April 1, 2016

FEDERAL REGISTER

Vol. 78 Wednesday,
No. 30 February 13, 2013

Part II

National Primary Drinking Water Regulations: Revisions to the Total Coliform Rule: Final Rule

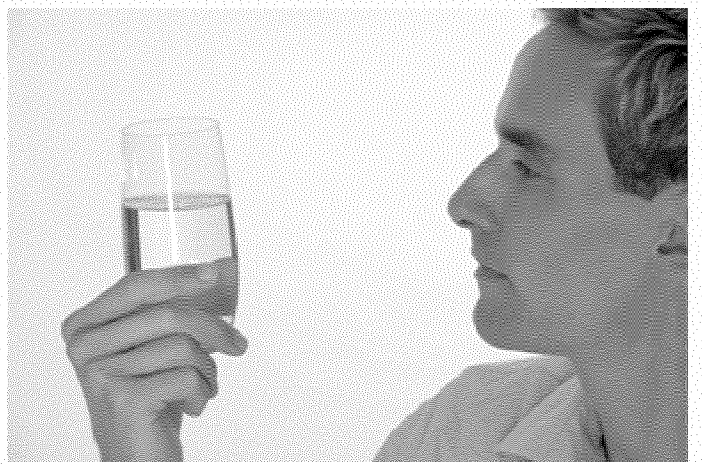
[Speaker Notes For Slide: 21]

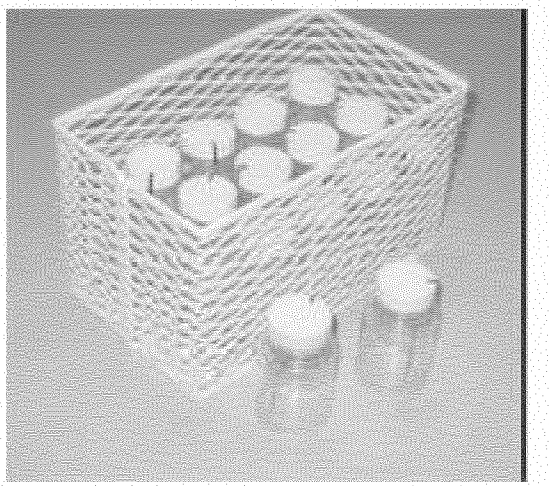
The Revised Total Coliform Rule (RTCR) was published in the Federal Register on February 13, 2013. Similar to the original 1989 Total Coliform Rule, the revised rule applies to all Public water supplies, including all Community and NonCommunity systems.

The compliance date is 3 years away. The official compliance date is April 1, 2016.

Many of Same Core Elements

- Routine Monitoring
- Repeat Monitoring
- Approved Sampling Site Plans
- Analytical methods
- Public notice requirements





[Speaker Notes For Slide: 23]

The revised rule contains many of the same core elements as the original rule.

The revised rule requires water systems to conduct routine monitoring based on the population served, collect repeat samples when a positive result is reported, prepare and obtain approval of a Sampling Site Plan, and requires Public Notice for certain violations or monitoring errors.

Key Monitoring Provisions of RTCR

- Maintains the routine sampling structure of TCR
  - # samples collected still based on population served
- Reduces the required number of repeat and additional routine samples for systems ≤1,000 in population
  - Will not need to collect 4th repeat sample
- Allows systems to modify repeat sampling protocol
  - Can change repeat sample locations and the time frame they are collected
- Systems are still responsible for developing sample site plans which the state reviews and approves

[Speaker Notes For Slide: 25]

Some of the key monitoring requirements in the new rule are:

Routine sampling basically remains the same, in that the number of samples collected every month is still based on population served.

For small systems serving a population less than a 1,000, it reduces the required number of repeat and additional routine samples. As an example, small systems will not need to collect a 4th repeat sample following a positive result and may not have to collect a minimum of 5 samples the following month if approved by the state.

The rules also allows systems to modify repeat sampling protocol. Systems can change repeat sample locations and the time frame they are collected, also if approved by the state.

One point to keep in mind is that systems are still responsible for developing sample site plans which the state reviews and approves. The plan will spell out the routine and repeat sampling protocol that system must follow after it is reviewed and approved by the DEQ.

Major Differences

Major Differences

- **<u>Existing TCR</u>**
- Nonacute MCL for Total Coliform when >5% of monthly samples TC positive (but not E.coli). No assessment or corrective action required
- Acute violation based on E. coli and fecal coliform
- Public notice (PN) required for monthly TC and acute E. coli/fecal violations

- **<u>New RTCR</u>**
- Replaces nonacute TC MCL with a Treatment Technique requirement. An **Assessment** and corrective action required based on monitoring results
- Acute violation based on E. coli only
- PN required for failure to perform assessment within 30 days or correct contamination pathways and for all acute E. coli violations

[Speaker Notes For Slide: 27]

There are some differences in the revised rule that water system owners and operators will need to be aware of. Some of the major differences from the existing rule and the new rule are:

The existing TCR rule defined that a nonacute MCL violation occurred when more than 5% of the monthly samples were positive for total coliform, which also required issuance of public notice. The new rule removes the nonacute MCL for total coliform, but requires an Assessment to be completed where the pathway of contamination is investigated and if found, corrected.

The TCR rule stated that acute violations were based on the presence of either E. coli or fecal coliform, but the revised rule acute violation are only going to be based on E.coli.

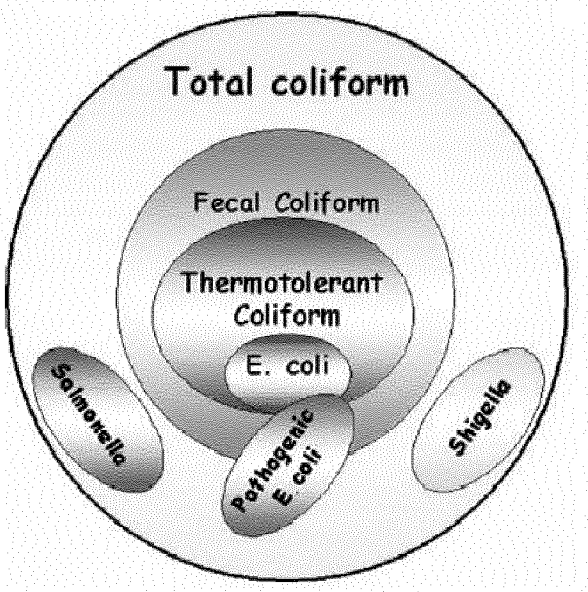
The existing rule requires Public Notice for both nonacute (total coliform) and acute (E.coli or fecal) violations. The new rule requires PN for failure to perform an assessment within 30 days or correct a contamination pathway, and for acute violations.

Why drop the Total Coliform MCL?

- "Many of the organisms detected by total coliform methods are not of fecal origin and **do not have any direct public health implication**."

- "Total coliforms in the distribution system **may indicate a potential pathway for contamination but by themselves do not indicate a health threat**."

- "The **absence** (versus the presence) **of total coliforms in the distribution system indicates a reduced likelihood** that fecal contamination and/or waterborne pathogens are occurring in the distribution system."



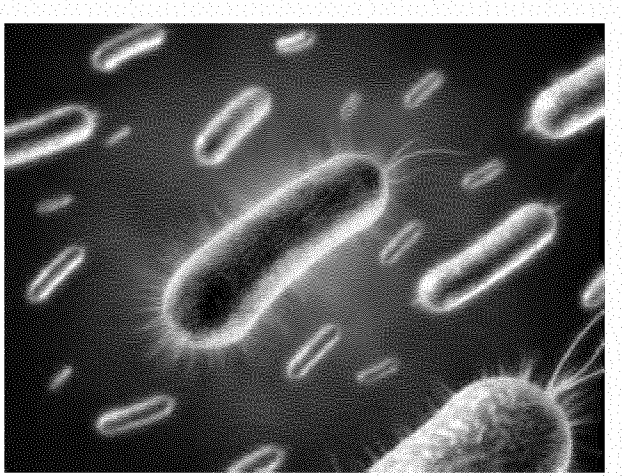
[Speaker Notes For Slide: 29]

As we already mentioned, EPA has removed the MCL for total coliform in the new rule. Many of the organisms detected by total coliform methods are not of fecal origin and do not have any direct public health implication.

Members of the Federal Advisory Committee that was in charge of revising the rule felt that public water systems should not be issuing public notice and making public health decisions based on an indicator organism like total coliform.

E. Coli MCL occurs when…

- A routine sample is TC-positive and one of its associated repeat samples is E. coli-positive.
- E. coli-positive and one of its associated repeat samples is TC-positive.
- A system fails to take all required repeat samples following a routine sample that is positive for E. coli.
- A system fails to test for E. coli when any repeat sample tests positive for TC.



[Speaker Notes For Slide: 31]

The committee ultimately decided to use E.coli as the organism for MCL violations. There are more than 700 recognized E. coli strains, which only a small number of which cause disease such as O157:H7. E. coli is a meaningful indicator for fecal contamination and the potential presence of associated pathogen occurrence.

The RTCR states that an E. coli MCL violation occurs when:

- A routine sample is TC-positive and one of its associated repeat samples is E. coli-positive.

- E. coli-positive and one of its associated repeat samples is TC-positive.

- A system fails to take all required repeat samples following a routine sample that is positive for E. coli.

- A system fails to test for E. coli when any repeat sample tests positive for TC.

(Mention that the last 2 are new items in the revised rule.)

Assessments

- Applies "find and fix" approach to possible contamination
- Systems must conduct a basic assessment (Level 1) or a more detailed assessment (Level 2) depending on the severity and frequency of contamination
- Failure to conduct assessment and correct is a Treatment Technique violation

[Speaker Notes For Slide: 33]

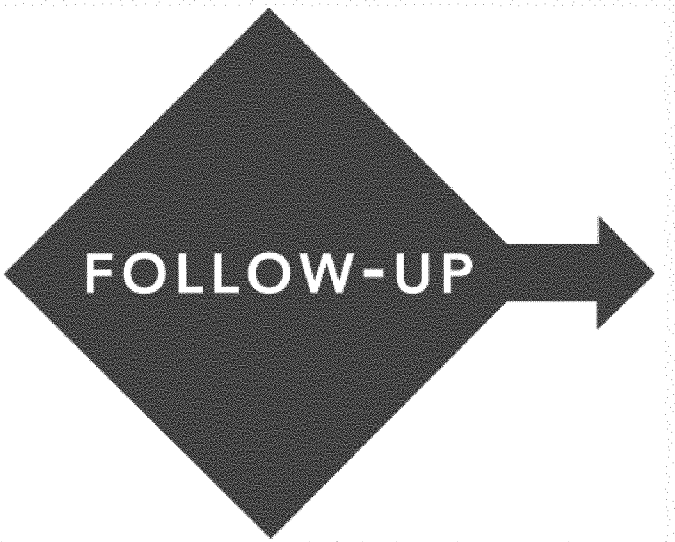
RTCR requires PWSs to investigate the system and correct any sanitary defects found when monitoring results show the system may be vulnerable to contamination. A Sanitary defect is a defect that could provide a pathway for entry for microbial contamination into the distribution system or that is indicative of a failure or imminent failure in a barrier that is already in place.

Systems must conduct a basic self assessment (Level 1) or a more detailed assessment by a qualified party (Level 2) depending on the severity and frequency of contamination.

Failure to assess and correct is a Treatment Technique violation.

Assessments - Level 1 Triggers

- When more than 5% of monthly samples are TC positive
- Failure to collect the correct # of repeat samples
- Can be completed by system owner/operator



[Speaker Notes For Slide: 35]

Level 1 Assessments must be done when:

PWSs taking 40 or more samples per month, the PWS exceeds 5.0 percent total coliform positive samples for the month.

2. For systems taking fewer than 40 samples per month, the PWS has two or more total coliform-positive samples in the same month.

3. The PWS fails to take every required repeat sample after any single routine totalcoliform-positive sample.

Level 1 Assessment can be completed by the system operators or owners.

Assessments – Level 2 Triggers

- When E.coli violation occurs
- Second Level 1 trigger within a 12 month period
- Must be done by party approved by state

[Speaker Notes For Slide: 37]

Level 2 Assessments must be done when:

- A system has an E. coli MCL violation.

- A system has a second Level 1 treatment technique trigger within a rolling 12-month period

Level 2 assessments must be dome by a party approved by the state. This could be the state, an approved 3rd party or the supply if staff or management has required certification or qualifications specified by the state.

Revisions to the Total Coliform Rule

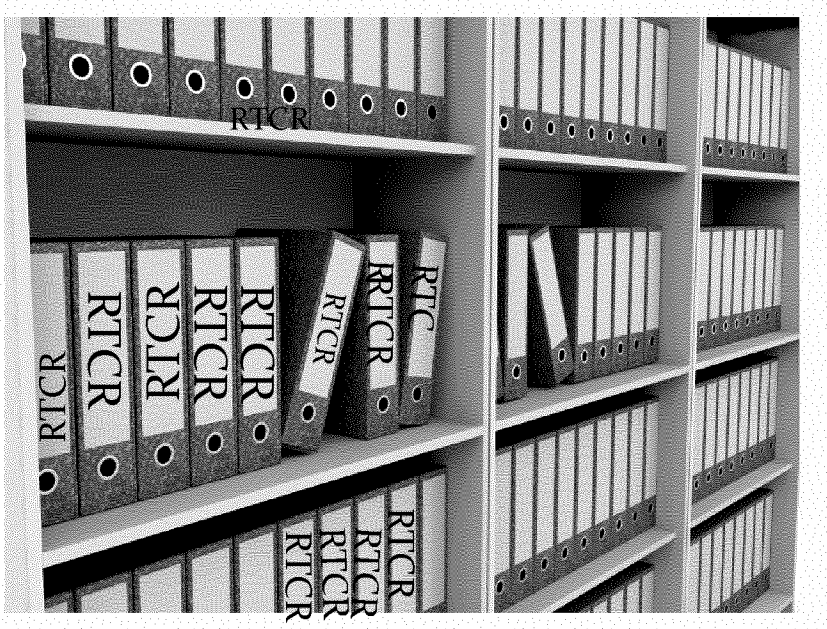
- Major Impact on Noncommunity Water Supplies
  - Major Workload Increase LHD
    - Tracking of Monitoring
    - Annual Site Visit or Increased Monitoring
  - Region 5 States Hardest Hit

RTCR - Summary

- 3 years until it takes effect on <u>April 1, 2016</u>

- DEQ taking steps to adopt RTCR into Act 399

- Guidance documents and Assessment forms will be prepared "soon"



[Speaker Notes For Slide: 40]

Remember that the RTCR does not take affect until the spring of 2016. In the meantime, the DEQ will be adopting the rule into Act 399 and will be preparing both guidance documents and assessment form templates to assist water supplies in preparing for, and complying with the revised rule.

Lead-Free Definition Under the Safe Drinking Water Act

- Current rules prohibit installation or repair of any:
  - Pipe
  - Fitting
  - Fixture
  - Solder
  - Flux

lead-free

- That is not "lead free"

[Speaker Notes For Slide: 42]

The next topic that I would like to discuss pertains to lead free plumbing.

Existing Safe Drinking Water Act rules state that no person may use any pipe, pipe or plumbing fitting or fixture, any solder, or any flux, in the installation or repair of any public water system; or any plumbing in a residential or nonresidential facility providing water for human consumption, that is not lead free.

There is also a rule that went into effect in 1998 the prohibits the introduction into commerce any pipe, or any pipe or plumbing fitting or fixture, that is not lead free, except for a pipe that is used in manufacturing or industrial processing;

Reduction of Lead in Drinking Water Act of 2011

- Changes the definition of "lead-free" by reducing lead content from 8% to a weighted average of not more than 0.25% in the wetted surface material

- Provides calculation procedure for determining the weighted average lead concentration of a product from the components that make up the product

- Effective on January 4, 2014

[Speaker Notes For Slide: 44]

The Reduction of Lead in Drinking Water Act of 2011 changed the definition of lead free. The new definition of "lead-free" reduced the allowable lead content from 8% to a weighted average of not more than 0.25% in the wetted surface material.

It also provides a formal calculation procedure for determining the weighted average lead concentration of a product from the components that make up the product

This rules takes effect January 4, 2014.

New Lead Free Rule

- A product introduced into commerce legally on January 3, 2014, can't be used in the installation or repair of a PWS or residential or non-residential facility on January 4, 2014
- Back inventory that does not meet 0.25% lead free calculation cannot be installed after January 3, 2014
- If repairs are done, does the entire fixture/device have to be replaced?

[Speaker Notes For Slide: 46]

As with any new rule, there are several concerns about implementation and many questions that arise as we get closer to the effective date of the rule.

The first concern is that in reality, a product can be legally sold the day before the effective date (January 3, 2014), but cannot be legally installed the next day (January 4, 2014) if it does not meet the new lead free definition.

One thing is clear, back inventory that does not meet 0.25% lead free calculation cannot be installed after January 3, 2014. For Public water supplies, this could include water meters and backflow preventers.

Another big question has to do with repairs. If a repair is done, it's clear the replacement parts must meet the new definition. But does the entire appurtenance have to be replaced? We (DEQ) are still waiting for guidance from EPA on this question.

What to do?

- Make sure any products meet NSF 61-G
  - 61-G complies with new free definition
- Use up any existing stock not meeting new definition by 1-3-13
  - May use for nonpotable purposes (i.e. irrigation)
- Still waiting for EPA guidance on repair/replacement issue
  - MDEQ not taking inventory of parts on hand

NSF®

Certified to NSF/ANSI 61-G

[Speaker Notes For Slide: 48]

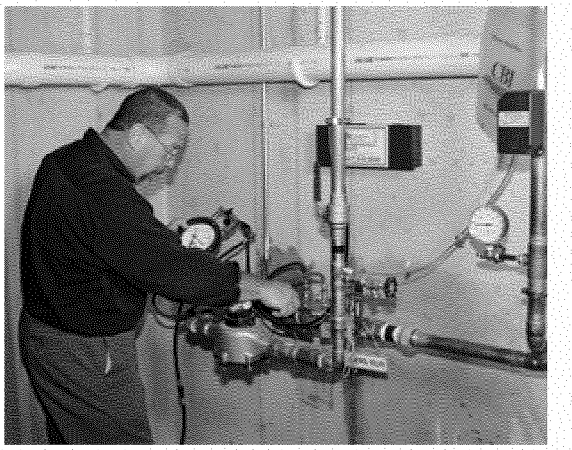
One thing water suppliers can do at this time is to make sure any appurtenance, fitting or fixture meets the new lead free definition, especially if it has brass or bronze components.

In Michigan all water system components that come into contact with drinking water must meet the NSF-61 Standard. The NSF 61-G designation indicates that the product not only complies with Standard 61, but also the new lead free definition. G represents an appendix in Standard 61 which is an additional test procedure that manufacturers can request during the certification process to make sure the unit meets the new lead free definition.

Changes to Backflow Testing Certification

- <u>Existing Approved Backflow Preventer Testers:</u>

- General Tester - licensed plumbers who have taken an approved backflow tester class
  - (can test any assembly in the state)
- Restricted Tester - nonlicensed plumbers who have taken an approved backflow tester class
  - (can test their own assemblies)



[Speaker Notes For Slide: 50]

Another thing that will be changing in the future is the Backflow Testing certification process.

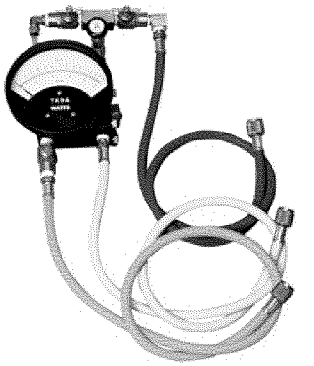
In Michigan there are two types of certified testers that have been allowed to test backflow preventers.

The first is a General Tester which are licensed plumbers who have taken and passed an approved backflow tester class. General testers can test any backflow preventer in the state.

Restricted Testers are nonlicensed plumbers who have taken and passed an approved backflow tester class, but they can only test backflow preventers in their normal place of employment.

Backflow Preventer Testing Certification Concerns

- DEQ, State Plumbing Board, and other 3rd party organizations agreed that qualifications to become an "approved" or "certified" tester needed to be updated and more consistent:
  - Some type of re-certification
  - Consistent class structure
  - Standardized exams



- Decided to move towards ASSE testing certification

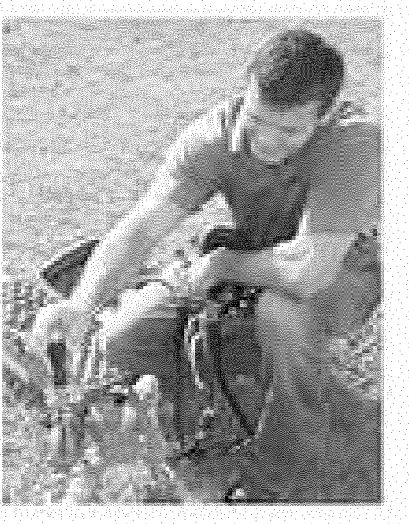
[Speaker Notes For Slide: 52]

In Michigan, there have been several organizations that held backflow testing classes around the state. However, these classes varied in the amount of class time, the class content, the format of the test and none of them required a re-certification or continuing education to remain a certified tester.

After much discussion, the DEQ along with the State Plumbing Board decided to move towards a standardized testing backflow certification, which is the American Society of Sanitary Engineers (ASSE).

Transitioning to ASSE Certification

- Makes all the approved testing classes t
  - Class time
  - Class format and agenda
  - Instructors
  - Uniform exam and exam procedures



- Regardless of where a class is held or who is holding it, every participant will get the same course content

[Speaker Notes For Slide: 54]

The ASSE Testing Certification allows for a standardize class time and format. All ASSE approved testing classes, regardless of where they are held, offer the following benefits.

40 hours of class time
Class format and content
Instructors are ASSE certified
The exam and exam formats are the same for every class.

ASSE Certification

- Certification expires every 3 years, must take refresher class and pass the test to remain certified

- Does not require plumbing license
  - Must have 5 years in "related field" to attend the class

[Speaker Notes For Slide: 56]

The ASSE certification is good for 3 years, and to maintain the certification a person will have to take, and pass a one day refresher class.

One major change is that the ASSE testing certification does not require a person to be a licensed plumber. However to be able to even take an ASSE testing class, the person must have five years of experience in a related field.

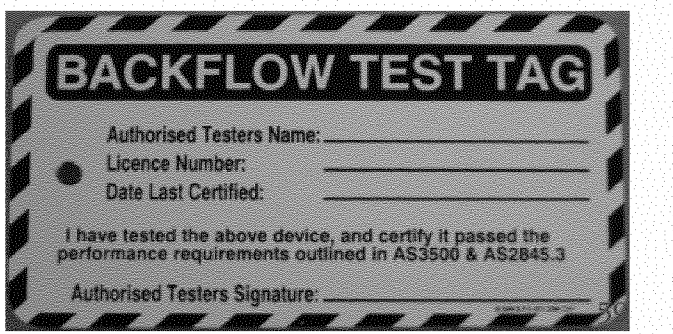
Many of the testing classes in Michigan now ASSE certified. The DEQ recommends that any person taking a tester class in the future to make sure it is ASSE certified.

What Does This All Mean?

- For now, nothing!

- Use existing testers (general or restricted) and encourage all testers to become ASSE certified
  - Most testers approved under a existing program will only have to take the refresher course to become ASSE certified

- Once enough testers become ASSE certified statewide, it will become "official" (2015?)



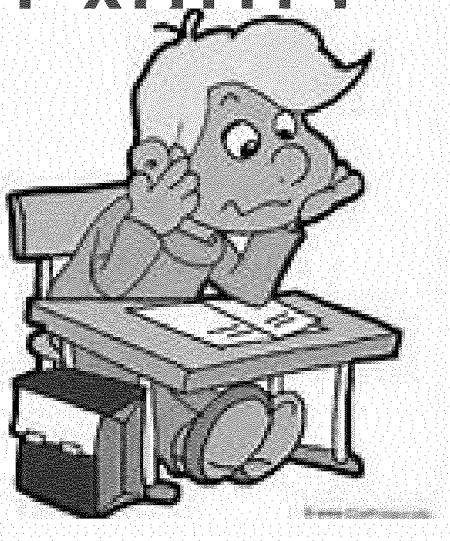
[Speaker Notes For Slide: 58]

So what does this mean? For now, nothing!

Use existing testers (general or restricted) and encourage all testers to become ASSE certified
Most testers approved under a existing program will only have to take a 1-2 day refresher course to become ASSE certified

Once enough testers become ASSE certified statewide, it will become “official”, which it looks like will happen sometime around 2015.

5 Level Certification Exams

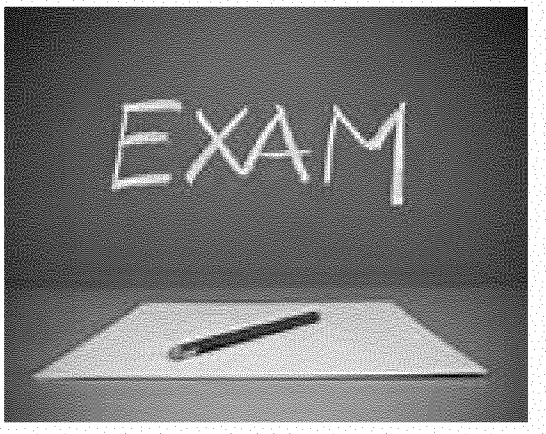


- 5 level exams will now be offered at same time and locations as other drinking water exams

- Next exam dates:

  May 2, 2013

  November 6, 2013
(postmark by Sept 16th)



- Applications mailed to DEQ must be originals, no photocopies!

[Speaker Notes For Slide: 60]

The S-5, D-5 and F-5 drinking water exams are now being offered at the same time and in the same locations as the Community exams.

The Next exam date is May 2, 2013 followed by November 6, 2013. The postmark deadline for the November exam is September 16, 2013.

If you submit your drinking water exam application to your accounting department for payment, please be sure they know that we need the original sent to us...not a copy. We have received many applications in our office this spring that are copies and we need the original application with your original signature. We are making calls to those we find that need original signatures so they can be submitted and our records are complete.

Stage 2 Disinfection Byproducts (DBP) Rule

- Stage 2 compliance monitoring for TTHM/HAA5 samples replaces the existing Stage 1 monitoring
  - Started in 2012 for supplies serving populations greater than 50,000 and any customers they may serve
  - Starts October 1, 2013 for supplies serving populations less than 10,000 and any customers they may serve
- Stage 1 monitoring continues until Stage 2 begins

[Speaker Notes For Slide: 62]

Stage 2 compliance monitoring is set to begin for small and medium sized systems in 2013. This monitoring includes disinfection byproduct monitoring of Total Trihalomethane compounds and Halo Acetic Acids for all communities that serve chlorinated water.

For community water systems with populations greater than 50,000, Stage 2 monitoring began in 2012. These systems include Detroit, Grand Rapids, Kalamazoo, Lansing, Ann Arbor, Saginaw/Midland Corporation, Wyoming, Waterford Township and their customer supplies.

Systems serving population less than 50,000 transition to Stage 2 sampling later this year, on October 1, 2013.

Please note that Stage 1 monitoring continues until Stage 2 monitoring begins.

Stage 2 DBP Compliance Monitoring differences from Stage 1

- Each site must meet the MCL for TTHM and HAA5 called Locational Running Annual Average (LRAA).
- Wholesale supplies and customer supplies will collect compliance samples separately based on the population of each community.
- Some small systems will not be required to collect "dual set" samples for TTHM and HAA5.
- DEQ will assist systems in developing sampling site plans for DBP's and will notify systems of their Stage 2 DBP requirements

[Speaker Notes For Slide: 64]

Stage 2 is different from Stage 1 in a number of ways. First of all, each site where samples are collected must now meet the MCL of 80 micrograms/liter for TTHM and 60 micrograms/liter for HAA5. No more system wide averaging. This is called the locational running annual average.

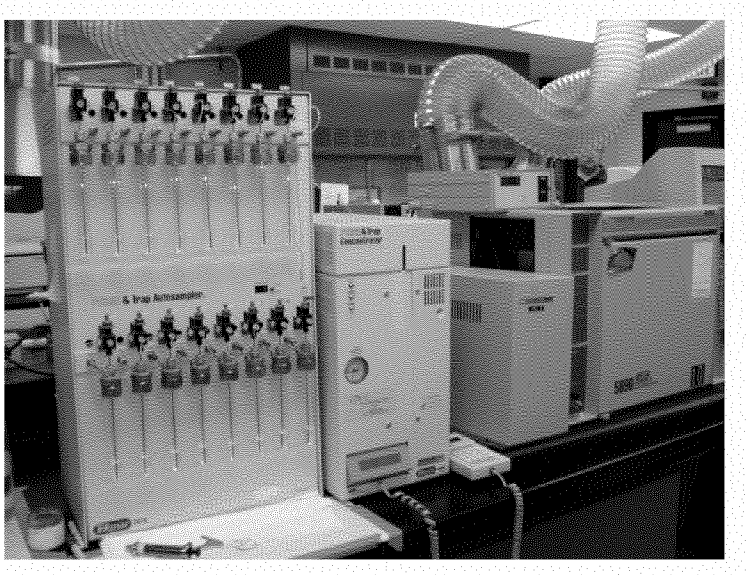
In addition, similar to lead and copper and bacti monitoring, each system that purchases water will be responsible for the TTHM and HAA5 samples within their community.

However, some small systems such as surface water supplies on quarterly monitoring serving fewer than 3,300 and groundwater systems on annual monitoring serving fewer than 500 may not have to collect sample pairs at each location (this called a dual set), reducing the sampling costs for those systems.

DEQ will assist systems in developing sampling site plans for DBP's and will notify systems of their Stage 2 DBP sampling requirements.

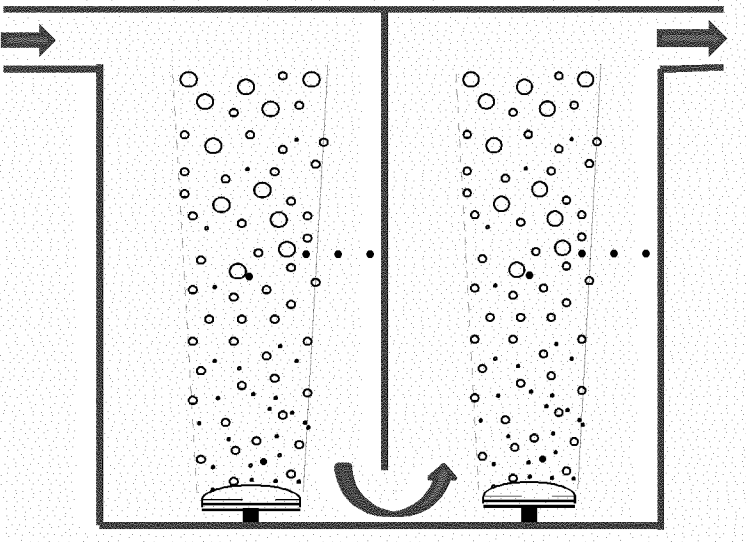
Stage 2 DBPR - Some New Surprises

- Some Regional Systems using Great Lakes
  - Busting on LRAA
  - No problems with Stage 1 DBPR
- 1st Glance
  - Long Detention Times
  - Prechlorination



Stage 2 DBPR - Some New Surprises

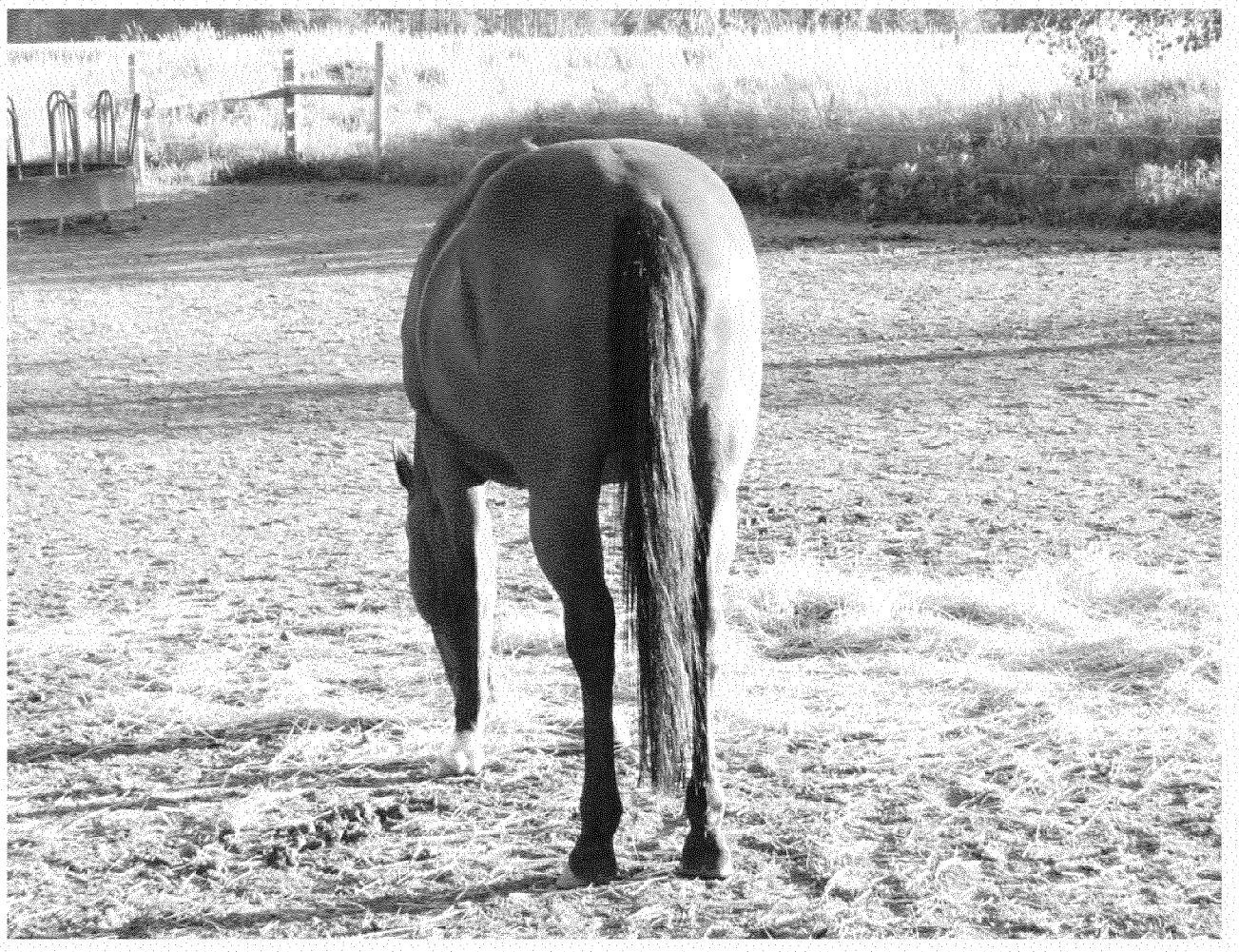
- Proposed Solutions
  - Alternative Disinfection Practices
  - Alternative Disinfectants
  - Aeration
    - Plant Based
    - Distribution Based



Upcoming New or Revised EPA Rules

Regulatory Action	**Proposed**	**Final**
Consumer Confidence Rule (CCR) Alternative Delivery Memo	2012	January 2013
Revised Total Coliform Rule (RTCR)	July 2010	2013
3rd Unregulated Contaminant Monitoring Rule (UCMR 3)	April 2012	2013-2015
Perchlorate	February 2013	August 2014
Long-Term Lead Copper Rule (LT-LCR)	2013	2015
Carcinogenic VOCs (cVOCs)	2013	2015
Hexavalent Chromium (Cr-6)	2016-2017	2019-2020

The End



Message

From: Butler, Sonya (DNRE) [/O=MIGOV/OU=FIRST ADMINISTRATIVE GROUP/CN=RECIPIENTS/CN=BUTLERS2]
Sent: 7/8/2011 5:20:57 PM
To: Shekter Smith, Liane (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=f8157efaafd2404899c8ad3a4197c53a-Shekter Smith Liane]; Browne, Elizabeth (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=86accd22f3804036a7d253d9fb239d1f-Browne Elizabeth]
Subject: FW: Meeting with Director
Attachments: PowerPoint on project.pdf; 1 Final Report September 2009.pdf

As discussed

From: Brad Comment [mailto:brad@KindsvatterAssociates.com]
Sent: Friday, July 08, 2011 9:35 AM
To: Butler, Sonya (DNRE)
Subject: Meeting with Director

Sonya,

I apologize that I am now getting you information regarding our meeting with Director Wyant on Monday with my client, the Genesee County Drain Commissioner Jeff Wright. The purpose of our meeting will be to discuss projects on the Drinking Water Revolving Fund for both Genesee County but also Karegnondi Water Authority.
Part of the discussion will be the hope of having The MDEQ endorsing the project and approving DWRF and other funding, because the project will, at long last, provide a water supply that will truly be reliable. One of the greatest problems for this area is that when the water supply from Detroit is interrupted, this area will experience water restrictions, boil water notices and the complete shutdown of our restaurants, hospitals and many area businesses.
My primary contact for information has been unavailable for the last two weeks, and I apologize for any inconvenience. If I am able to obtain any other information I will be happy to share it with you. I have attached a PowerPoint with general talking points as well as an Executive Summary from an Engineering Report which further discusses the project in comparison to the current system this region has for water.
Thank you for your patience.
Bradley Comment
Vice President of Government Affairs
Kindsvatter & Associates, Inc.
1000 West St. Joseph Highway, Suite 200
Lansing, MI 48915
PPI mobile
(517) 485-7711 office
(517) 485-9408 fax
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Kindsvatter & Associates, Inc. is a strategic initiative government relations and association management specialist firm with a seasoned professional staff whose primary goal is providing clients with business management services and legislative representation at the state and national level.

Talking points on KWA

Decision basis

- Reliability

  Must have reliable, uninterrupted supply of wholesome water.
  Multiple interruptions due to failures of power supply, pump stations and water main breaks on Detroit system – have resulted in Boil Water Notices that close hospitals, schools, and businesses.

- Creation of Jobs

  This project will employ engineers, surveyors, equipment operators, carpenters, masons, iron workers, millwrights, electricians, concrete suppliers, laborers and a variety of other trades for several years. Will emphasize employment of local workers.
  With employment of the local workforce there will be a positive impact for area businesses prepared to meet the needs of these tradespersons and professionals.

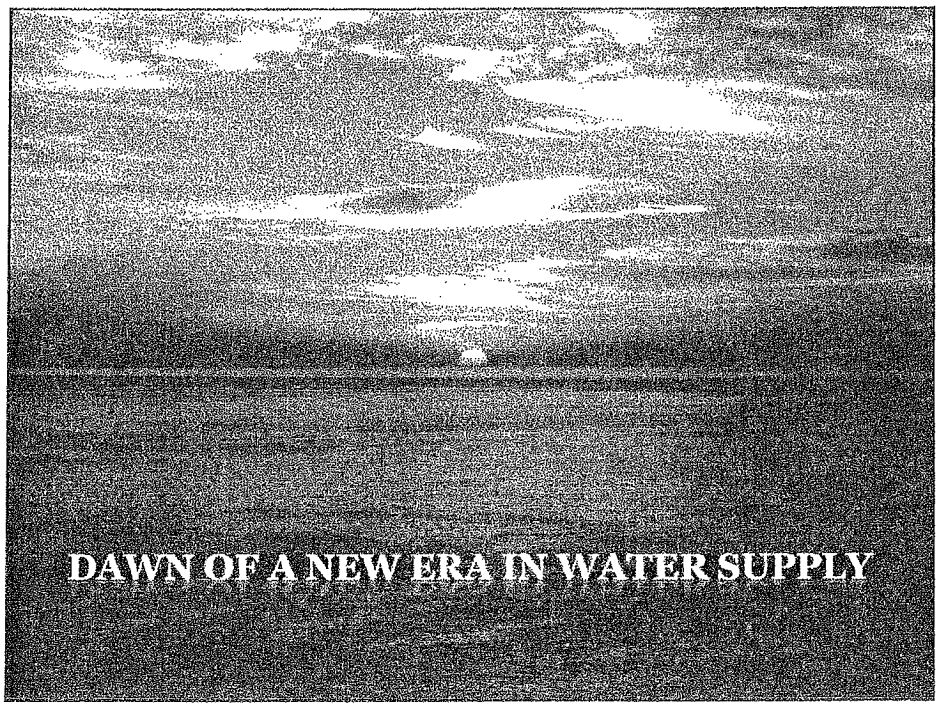
- Empowerment of the Region

  Local, elected officials will take responsibility for the production, delivery and the cost of water to all the businesses and residents that choose a public water supply. Ultimately, the people will have a voice in water supply matters.

- Ownership

  The present water supply is not reliable. State officials are on record they are requiring redundancy and reliability. Detroit has already put into works a plan for a second pipeline to the region. The water customers here must pay for that new system. Obviously a second pipeline will be built at a cost of hundreds of millions of dollars. We will pay for it whether it is built by KWA or Detroit. The difference is under KWA, we will build it with local labor, control it and OWN it.

Karegnondi Water Authority ®



Karegnondi Water Authority

Big Water
Big Opportunity

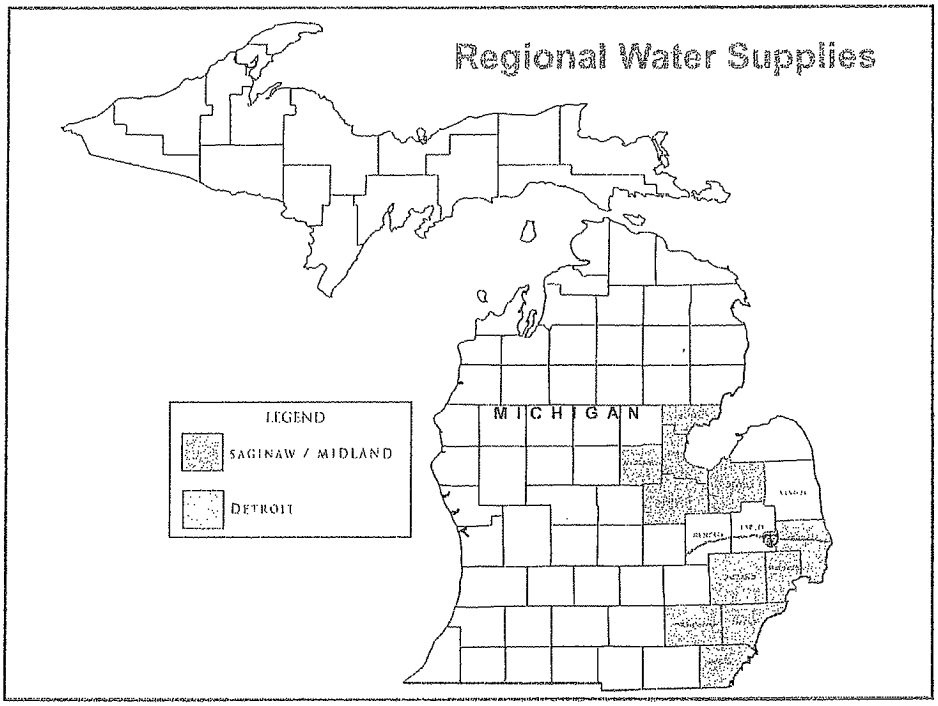
Alternatives for a Long-term Water Supply

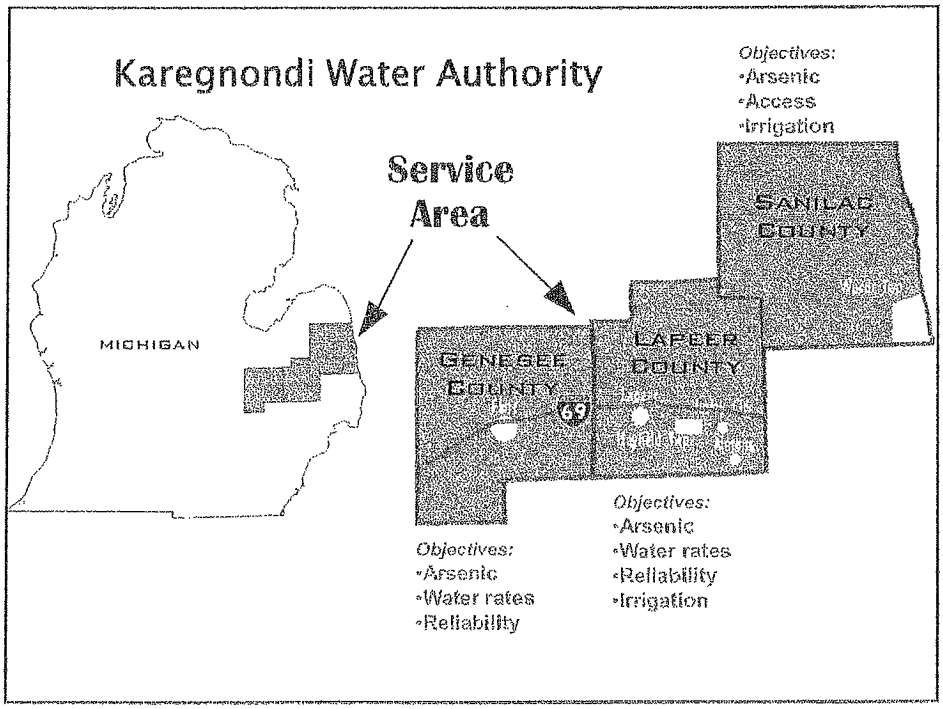
June 2010

Water Supply Alternatives:

1. New Long Term (30 year) Contract with Detroit (DWSD)

2. New Regional Water Authority along I-69 Corridor – "Karegnondi Water Authority" (KWA)


Regional Water Supplies
MICHIGAN
LEGEND
SAGINAW / MIDLAND
DETROIT


Karegnondi Water Authority
Objectives:
•Arsenic
•Access
•Irrigation
Service Area
MICHIGAN
SANILAC COUNTY
GENESEE COUNTY
LAPEER COUNTY
Objectives:
•Arsenic
•Water rates
•Reliability
Objectives:
•Arsenic
•Water rates
•Reliability
•Irrigation

Criteria Used for Analysis of Alternatives

- Reliability/Security/Quality
- Quantity/Growth Potential
- Cost Effectiveness
- Local Accountability

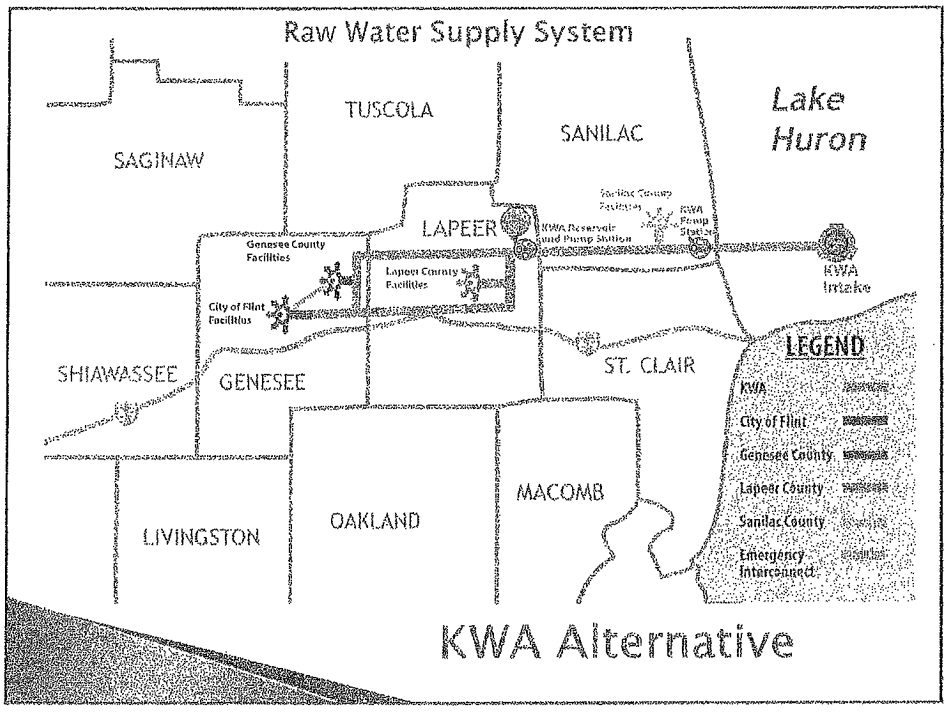
Viable Water Supply Alternatives

- Alternative No. 1 – DWSD Alternative
  Continuing Supply from Detroit
  (new 30 year contract)
- Alternative No. 2 – KWA Alternative
  New Lake Huron Raw Water Supply
  (new regional water authority, KWA)

  "Karegnondi Water Authority"

KWA Alternative: New Raw Water Supply

- KWA Service Area
  - Sanilac County
  - Lapeer County
  - Genesee County
- Genesee County owns 230 acres on Lake Huron

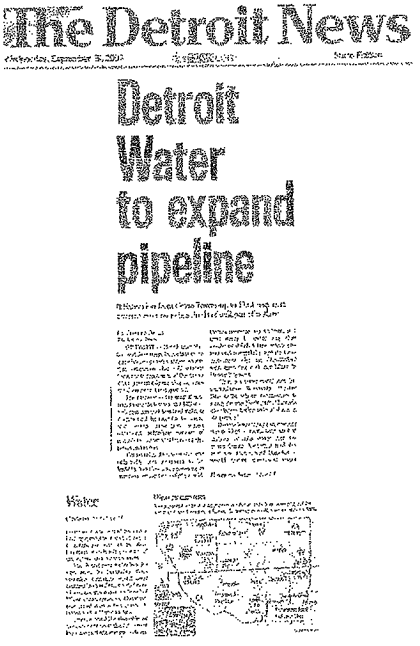


KWA Alternative: New Raw Water Supply

- Regional Reliability
  - Reservoirs and dual pipelines
  - Redundant Equipment
  - System Interconnects
- Local Control
  - Treatment standards
  - Water supply & delivery to customers
  - Local accountability for rates

DWSD Alternative: Proposed System Improvements

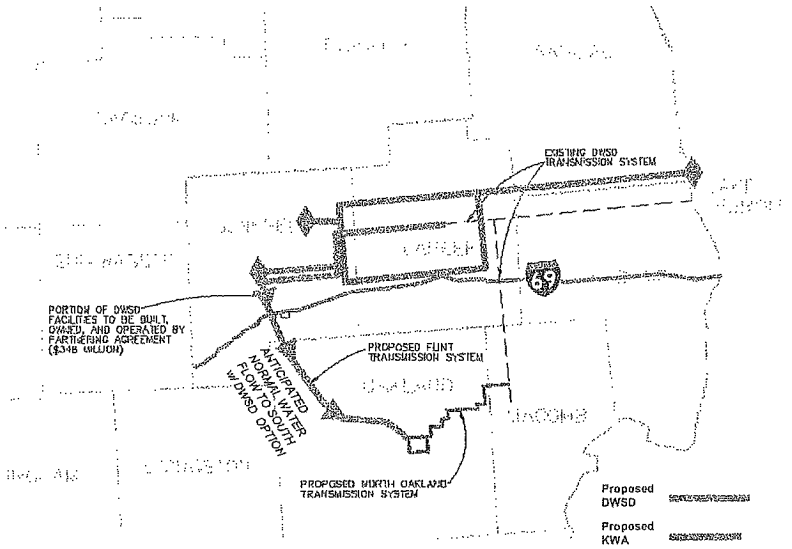
- New Flint Transmission Pipeline
- North Oakland County Transmission Pipeline



The Detroit News

Detroit Water to expand pipeline

Proposed KWA and DWSD Alternative Facilities



"A Pipeline will be built.... but, by Who?

- Both Alternatives provide:
  - Reliability
  - Quantity and Quality
  - Security
- Economic Differences of Alternatives:
  - Control
  - Accountability
  - Rates

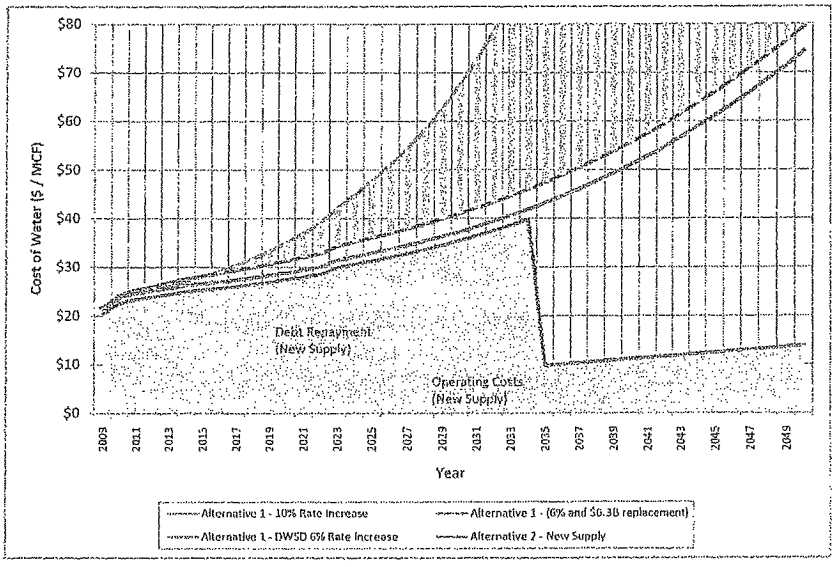
Comparison of Alternatives

- KWA Alternative
  - Total Estimated Project Costs
    - Genesee County $291 million
    - City of Flint $175 million
    - Lapeer County $126 million
    - Sanilac County $3 million

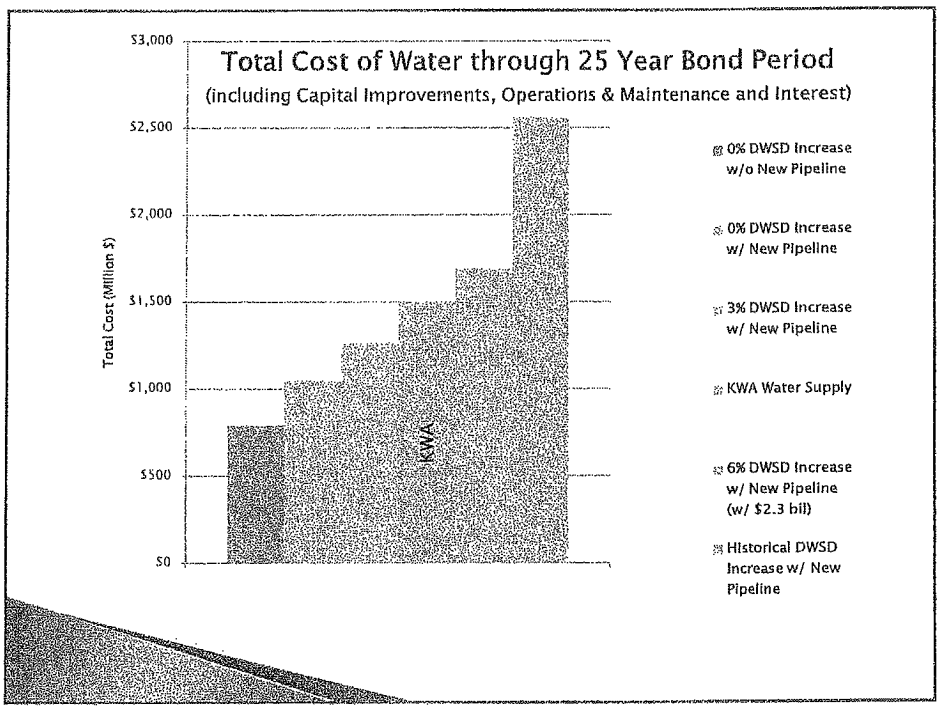
=$605 million

- DWSD Alternative
  - Estimated Costs of Improvements for DWSD Master Plan, including Flint Transmission and North Oakland Transmission

=$2.1 billion



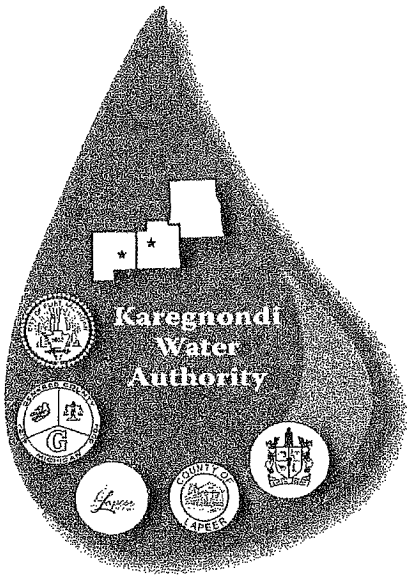
Cost Comparison Chart



So….where are we today?

- State Water Withdrawal Permit
  - ✓Obtained
- State/Corp of Engineers boring Permit
  - ✓Obtained
- KWA Articles and By-Laws
  - ✓Completed
- Next steps?

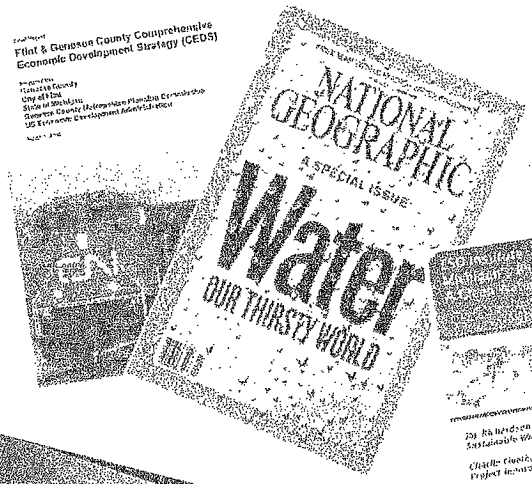
Partners for a new water supply...

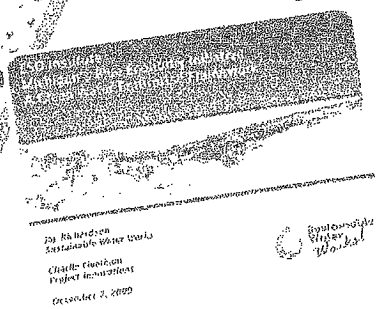


"Blue Economy"

Can we shape the economic future of our Region?

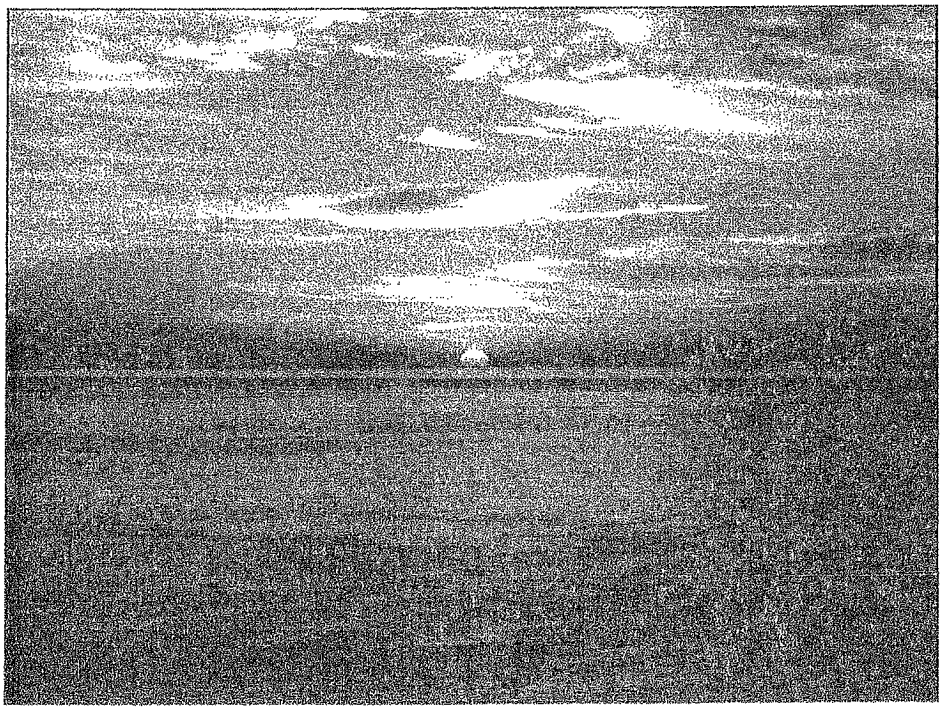
- Water Intensive Industries
- Green Technologies
- Agricultural Opportunities
  - ✓Production
  - ✓Processing





Questions and Answers

For more info, visit:
karegnondi.com

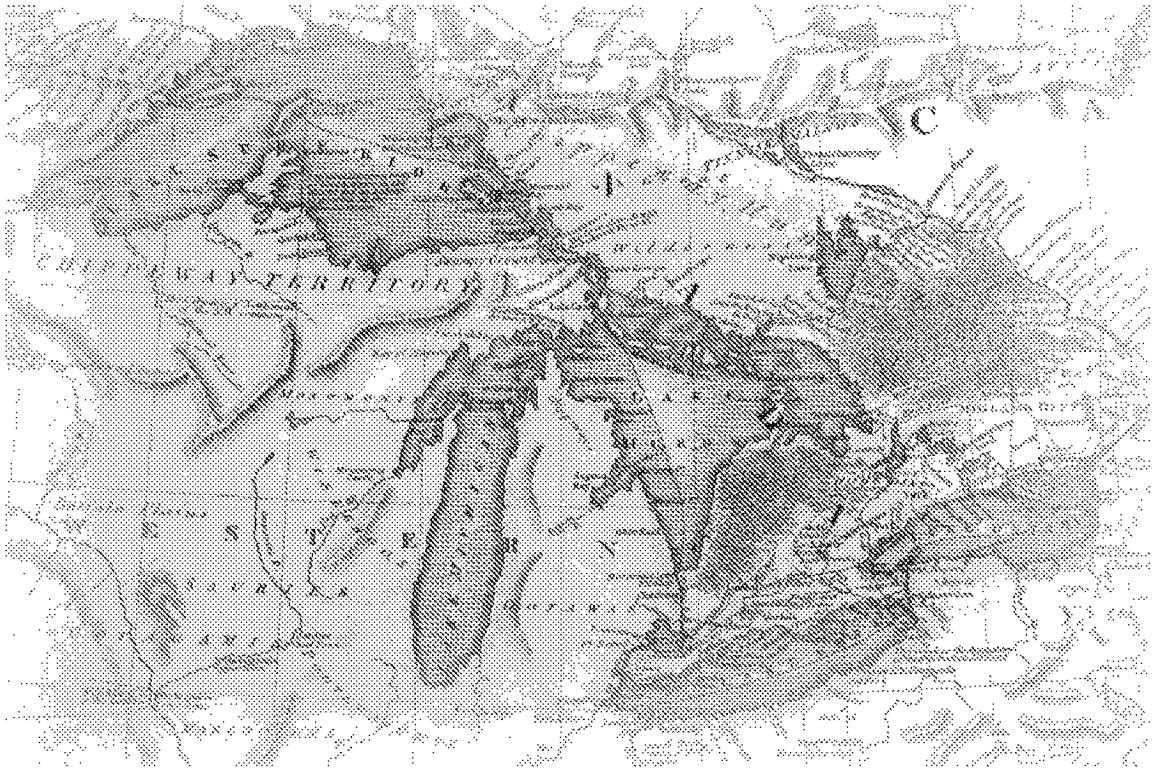


PRELIMINARY ENGINEERING REPORT

LAKE HURON WATER SUPPLY

KAREGNONDI WATER AUTHORITY

SEPTEMBER 2009



Prepared by:
AECOM
Jones & Henry Engineers, LTD
Lockwood, Andrews and Newnam, Inc.
O'Malia Consulting
ROWE Professional Services Company
Wade Trim, Inc.

Member Communities:
City of Flint
Genesee County
Lapeer County
Sanilac County

Preliminary Engineering Report

Lake Huron Water Supply
Karegnondi Water Authority

September 2009

Member Communities:

City of Flint
Genesee County
Lapeer County
Sanilac County

Prepared By:

AECOM
Gannett Fleming, Inc.
Jones and Henry Engineers, Ltd.
Lockwood, Andrews, and Newnam, Inc.
O'Malia Consulting
ROWE Professional Services Company
Wade Trim, Inc.

Study Participants

This study of a new water supply has been developed for the following governmental units and agencies.

City of Flint

Genesee County

Genesee County Drain Commissioner – Division of Water and Waste Services
- City of Burton
- Clayton Township
- City of Clio
- Davison Township
- Flint Township
- City of Flushing
- Flushing Township
- Gaines Township
- Genesee Township
- Grand Blanc Township
- City of Montrose
- Montrose Township
- City of Mt. Morris
- Mt. Morris Township
- Mundy Township
- Richfield Township
- City of Swartz Creek
- Thetford Township
- Vienna Township

Lapeer County

Greater Lapeer County Utilities Authority
- Village of Almont
- City of Imlay City
- City of Lapeer
- Mayfield Township
- Almont Township*
- Elba Township*
- Goodland Township*
- Imlay Township*
- Lapeer Township*
- Oregon Township*

**Do not currently provide water supply*

Sanilac County

- Worth Township
- Fremont Township
- Maple Valley Township
- Speaker Township

This report has been developed for planning purposes and considers data available through May 2009.

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Executive Summary

1 Introduction

The City of Flint (Flint), the Genesee County Drain Commissioner – Division of Water and Waste Services (GCDC-WWS), and the Greater Lapeer County Utilities Authority (GLCUA) are supplied water from the City of Detroit's Water and Sewerage Department (DWSD). Because of growing concerns regarding the reliability and cost of the DWSD supply, Flint, GCDC-WWS, and GLCUA have considered alternatives for water supply. The first formal study was completed in 1992; the most recent was completed in 2006.

This study considers two alternatives from the 2006 study. One alternative is the continued purchase of water from DWSD; the other alternative is the development of a new water supply from Lake Huron.

Both alternatives include the construction of a new pipeline. DWSD is planning the construction of a new pipeline to Flint to address concerns regarding reliability and capacity. Water rates for either alternative will be increased similarly to recover the capital investment in new facilities.

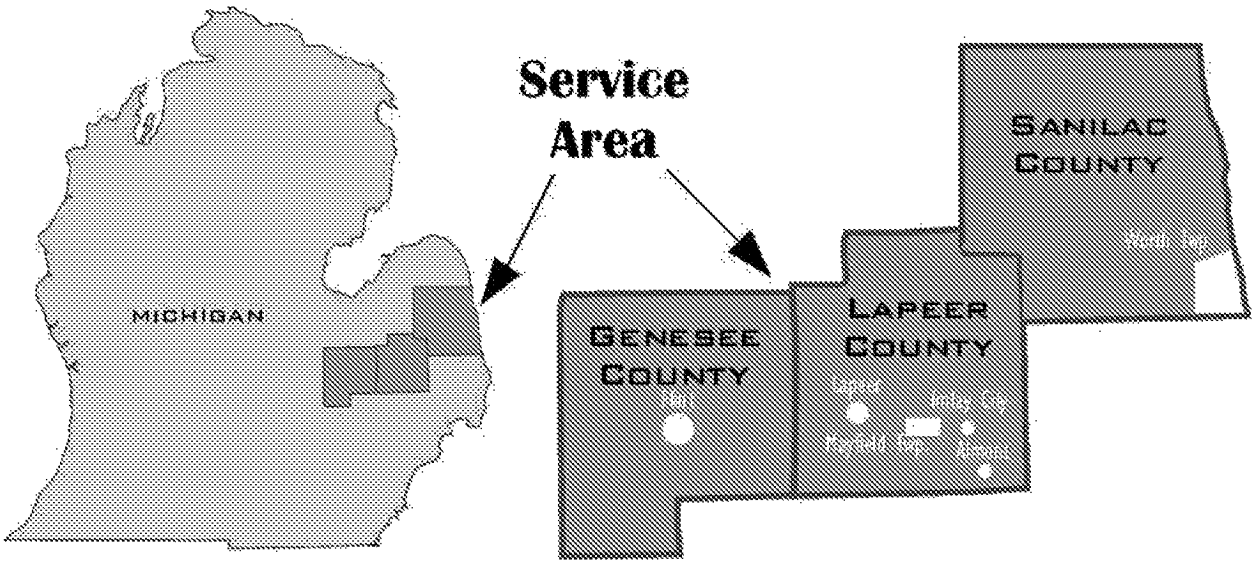
The second alternative, development of a new water supply from Lake Huron, provides the opportunity to supply water to additional communities. Sanilac County has joined Flint, GCDC-WWS, and GLCUA as participants in this study of water supply alternatives.

A new governmental authority, the Karegnondi Water Authority (KWA), is planned to develop and operate the new water supply. The KWA will be comprised of the communities supplied water.

2 Study Area

Figure 1 shows the study area.

Figure 1: Study Area



3 Demands

Table 1 shows the current and future (25 year) demands used for this study. Existing demands are based on records of recent water use; future demands have been developed from information provided by each community.

Table 1: Demands for Planning

	Initial (2014)		25 Year (2039)	
	Avg Day (mgd)	Max Day (mgd)	Avg Day (mgd)	Max Day (mgd)
Genesee County	14.2	25.0	16.2	32.5
City of Flint	16.5	25.0	19.2	28.8
Lapeer County	2.5	3.8	9.0	14.8
Sanilac County	0.1	0.1	0.1	0.1
Total	33.3	53.9	44.5	76.2

4 Alternative 1- Continued Supply by DWSD

Several options for continued DWSD supply to Flint, GCDC-WWS, and GLCUA have been discussed with DWSD representatives; however, there have been no formal negotiations or agreement regarding any particular option. Four options have been evaluated based on these discussions. Analysis indicates that the lowest cost option for continued supply from DWSD is a partnering arrangement with DWSD. This alternative is not available to Sanilac County.

With this option, a 30 year contract with DWSD for water service is required. Flint, GCDC-WWS, and GLCUA will be responsible to construct and operate a portion of the Flint Transmission System (FTS) which DWSD is planning to construct in 2010. By constructing and operating a portion of the FTS; water can be purchased by Flint, GCDC-WWS, and GLCUA at a lower rate.

DWSD estimates the portion of the FTS to be constructed by Flint, GCDC-WWS, and GLCUA at $346,000,000. Operating costs are projected to be $724,000 per year initially. In exchange for responsibility for the construction and operating costs; Flint, GCDC-WWS, and GLCUA will benefit by a 45% reduction in the purchase price of water from DWSD. Table 2 shows the cost of water for this option in 2011-2012, the year in which construction of the FTS is planned to be completed. The current water rate (2009-2010) is shown for comparison.

Table 2: Comparison of DWSD Cost of Water, Now and After Construction of FTS

	Flint & GCDC-WWS ($/MCF)	GLCUA ($/MCF)
DWSD Commodity	$8.70	$9.30
FTS Capital	$15.19	$14.53
Macomb Capital *	$0.00	$0.00
FTS O&M	$0.46	$0.46
Projected 2011-2012 Rate	$24.35	$24.29
2009-2010 Rate	$14.32	$16.11

*Planned for 2024; no cost impact until then

5 Alternative 2 – New Lake Huron Water Supply

The 2006 study evaluated several options for a new water supply. The 2009 update focuses on one of the options, the alternative of delivering raw water from Lake Huron to participating communities for local treatment and distribution.

GCDC-WWS purchased 230 acres of property adjacent to Lake Huron in southern Sanilac County in 2002. An intake to draw water from Lake Huron and a pumping station are planned for this site. Raw water will be pumped through a pipeline to an inland reservoir.

Inland from the reservoir, pipelines supply treatment facilities for Flint, GCDC-WWS, and GLCUA. Treatment facilities for Sanilac County can be located along the pipeline route.

Treatment by microfiltration has been planned for Sanilac County and GLCUA. A new conventional treatment plant is planned for GCDC-WWS. It is planned that raw Lake Huron water is delivered for treatment to Flint's existing treatment plant.

The planned water system provides for twin pipelines, storage, backup equipment and processes to provide a reliable supply. Facilities have been planned with capacity for the 25 year demands shown in Table 1, and provisions for further expansion.

Figure 2 is a schematic showing the new water supply.

Figure 2: Schematic Lake Huron Water Supply

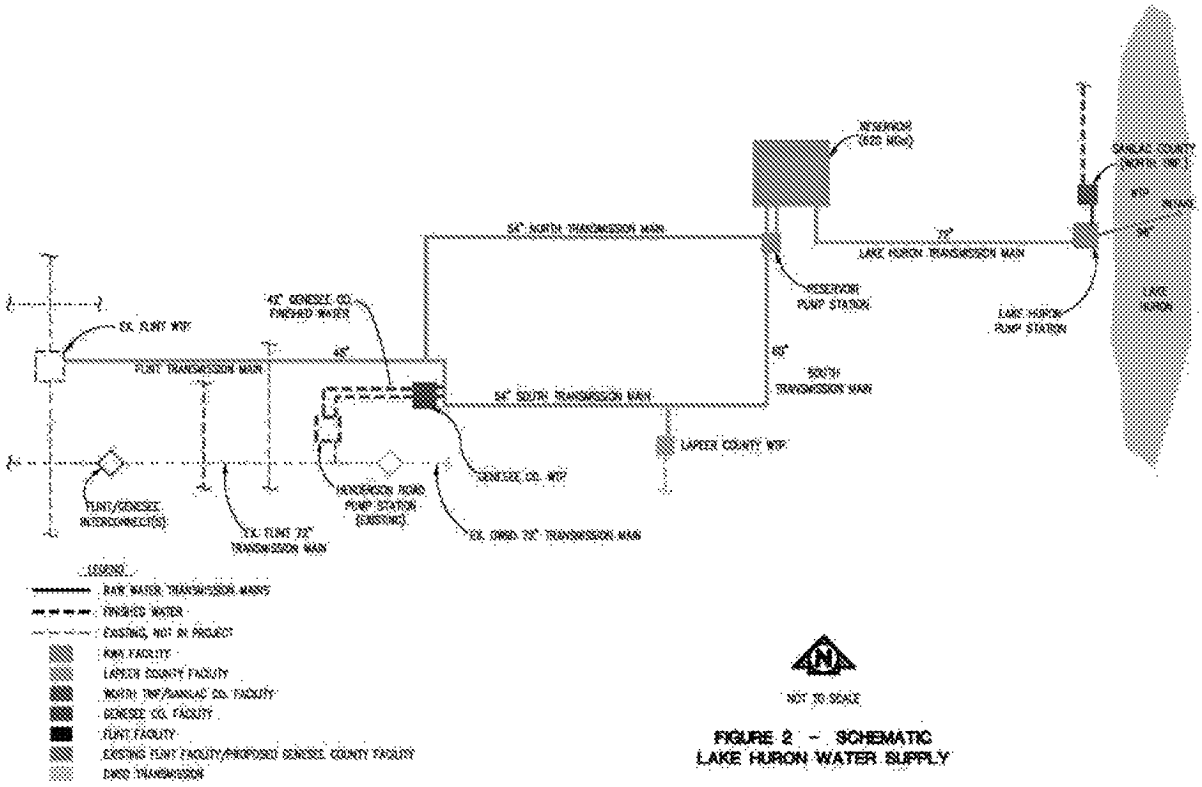


Table 3 summarizes the project cost of the new Lake Huron water supply which was studied.

Table 3: Summary of Cost of New Lake Huron Water Supply

Project Component	Total Project Cost	Sanilac Co. Share	Lapeer Co. Share	GCDC-WWS Share	Flint Share
KWA Lake Huron Water Supply	$443,885,767	$813,723	$86,312,736	$188,899,927	$167,859,381
New Sanilac Co. Facilities	$1,849,360	$1,849,360			
New Lapeer Co. Facilities	$40,009,060		$40,009,060		
New Genesee Co. Facilities / Upgrades	$110,038,554			$110,038,554	
New Flint Upgrades	$5,987,030				$5,987,030
Totals	$601,769,771	$2,663,083	$126,321,796	$298,938,481	$173,846,411

Table 4 shows the projected operating costs for the new Lake Huron water supply during the initial year of operation.

Table 4: Project Operating Expenses during Initial Year of New Lake Huron Water Supply

Community	KWA ($/MCF)	Local ($/MCF)	New Water Supply Treatment Cost (2014)	2009-2010 DWSD Rate
Sanilac County	$1.30	$41.56	$42.86	N.A.
Lapeer County (GLCUA)	$1.30	$3.11	$4.41	$16.10
GCDC-WWS	$1.30	$2.86	$4.16	$14.32
City of Flint	$1.30	$4.13	$5.43	$14.32

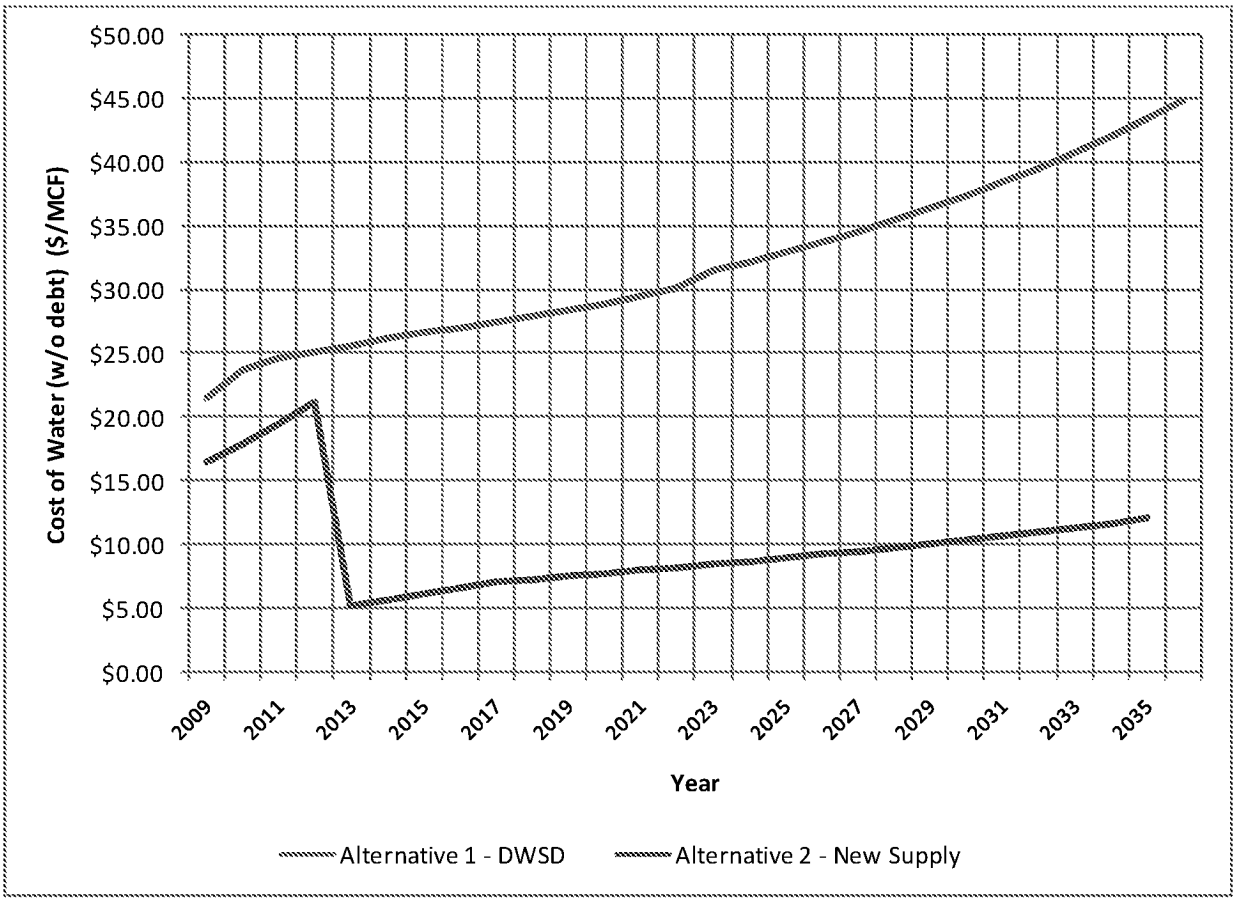
Notes
1. New water supply costs based on projected annual consumption of each community in year 2014.
2. Costs do not include debt retirement or depreciation expense.

6 Comparison of Alternatives

With the investments in facilities planned by DWSD, either of the alternatives considered are believed to provide a reliable, long-term water supply with sufficient capacity for the needs of the study area. Regardless of the alternative selected, a new pipeline and other facilities are planned for construction. As a result, the cost of water will increase with either alternative.

Figure 3 shows the projected cost of water for each alternative. For demonstration purposes, the cost of water for the new Lake Huron water supply alternative does not include the cost of repayment of debt incurred for its construction. The graph shows that without the debt of constructing the new system (or once the debt for its construction is repaid), the cost of water from the new supply will be substantially less than continuing to purchase water from DWSD.

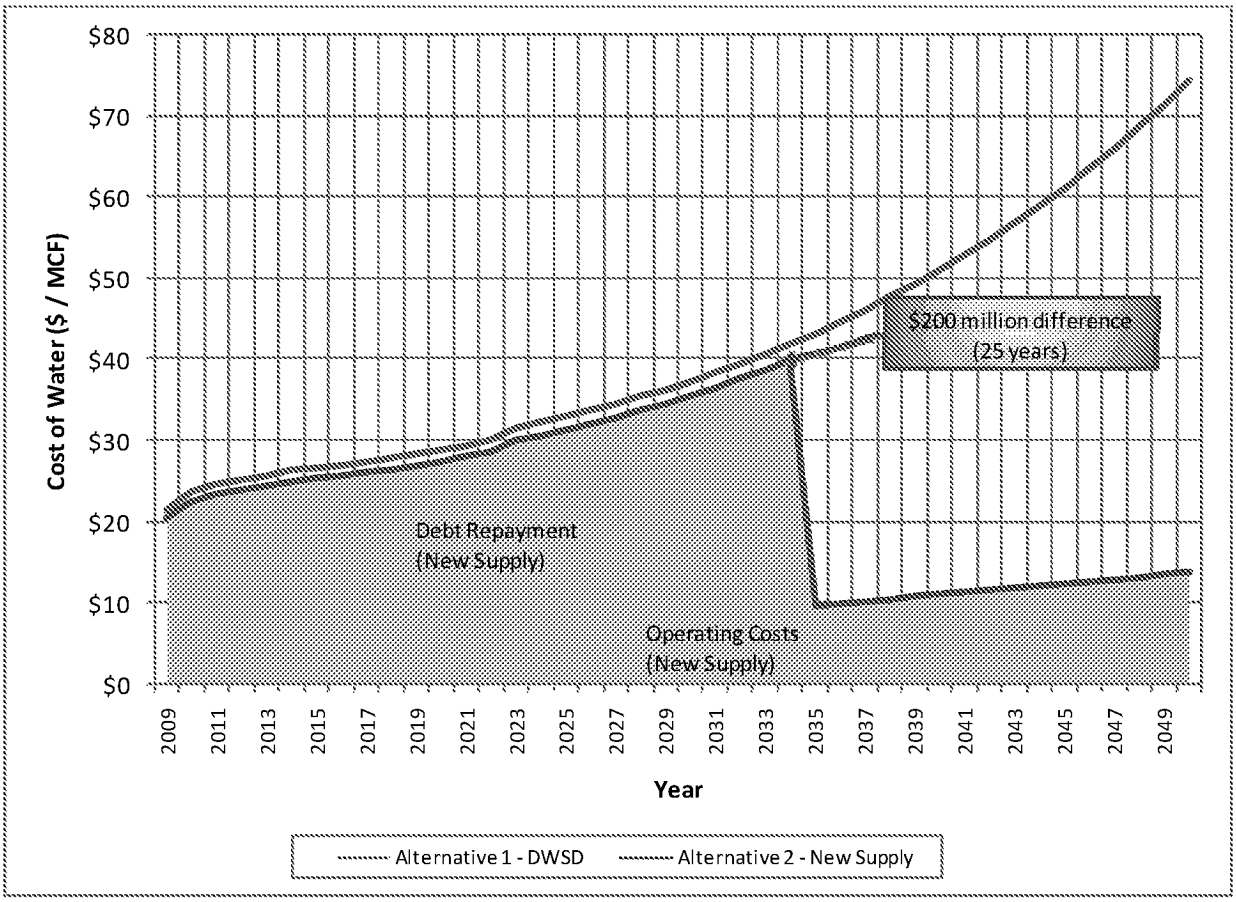
Figure 3: Projected Cost of Water



The cost of water for the DWSD alternative was developed using the DWSD rate methodology for recovery of capital investment. For comparison, the cost of water for the new Lake Huron supply should include the cost of financing its construction.

If 25-year bonds are used for financing the construction of the new Lake Huron supply, analysis has shown that the cost of water for the new Lake Huron supply can be less than with continuing service from DWSD. Over the 25-year life of the bonds, the total cost of water with continued DWSD supply is projected to be $200 million greater than with the new Lake Huron supply. Figure 4 demonstrates the cost savings resulting from new Lake Huron supply during the 25-year bond period

Figure 4: Comparison of Alternatives



Preliminary Engineering Report

Lake Huron Water Supply
Karegnondi Water Authority

September 2009

Preliminary Report

1 Introduction

The City of Flint (Flint), the Genesee County Drain Commissioner Division of Water and Waste Services (GCDC-WWS), and the Greater Lapeer County Utility Authority (GLCUA) operate community water systems. The Detroit Water and Sewerage Department (DWSD) has supplied these utilities with water since the 1960s.

Because of growing concerns regarding the reliability and cost of the DWSD supply, these utilities have studied other supply alternatives. The first formal study was completed in 1992; a 2006 study evaluated several alternatives for a long-term water supply.

This study focuses on two of the alternatives considered in the 2006 study. One alternative considers the impact of remaining customers of DWSD; the second alternative evaluates the feasibility of developing a new Lake Huron water supply.

DWSD is planning significant capital investments to address concerns with reliability and to provide sufficient capacity to meet the needs of their customers. The cost of planned facility improvements will be added to future rate increases to all customers. If DWSD continues to supply Flint, GCDC-WWS, and GLCUA; it is expected that their future rate increases will be greater than other DWSD customers because of the methodology for used for determining the cost of water. This study compares different options for remaining a customer of DWSD and uses DWSD's established rate structure to project the future cost of water.

The alternative studied for a new Lake Huron water supply can provide water supply on a regional basis, providing the potential for service to additional communities. As a result of this potential; Sanilac County is included as a participant in this study along with Flint, GCDC-WWS, and Lapeer County. This study develops the conceptual design of a new water supply to allow for estimates of the costs for its construction and operation for comparison with the alternative of continuing supply by DWSD.

A new governmental authority, the Karegnondi Water Authority (KWA), is planned to be established to develop and operate the new water supply. The KWA will include the communities supplied by the new water supply.

2 Scope

The alternatives for long term water supply are evaluated on the following criteria:

- Reliability – A new supply shall be planned with redundancy and backup provisions to maintain a continuous, safe supply of drinking water to customers.
- Cost – The concept studied shall be planned in sufficient detail to reasonably develop opinions of construction and operating costs, to allow for its comparison with existing water supplies.
- Quality – A new supply shall be planned with suitable provisions so drinking water will meet all current and anticipated regulations, and will consistently be of equal or better quality than current supplies.
- Quantity – The water supply shall be designed with sufficient capacity and provisions for expansion to meet the needs of the service area throughout the planning period.

- Security – Planned facilities shall have suitable provisions and measures to guard against disruption of service or contamination resulting from vandalism or malevolent activities.

The alternative of continuing supply from DWSD is developed using their current rate methodology and planned improvements to their facilities. This report provides an overview of the options for continued service by DWSD; Appendix 18 provides a detailed analysis.

The alternative of developing a new water supply for Flint, Genesee County, Lapeer County, and Sanilac County assumes that the KWA will develop and operate the new water supply, to deliver raw water from Lake Huron to each member community. Member communities will be responsible for local treatment and distribution of water to their customers.

The concept for a new water supply is developed through a series of technical memoranda that serve the following purposes.

a. Determine the facilities, processes, and capacities required to supply the proposed service area.
b. Establish budgets for construction and ongoing operating and maintenance (O&M)
c. Evaluate constructability (permitting, environmental concerns, right-of-way requirements).
d. Develop schedules for implementation.

This report provides an overview of the study undertaken to develop a new Lake Huron water supply. Details are provided in the technical memoranda as appendices to this report.

3 Planning Criteria

3.1 Criteria for Continued DWSD Supply Options

The following criteria were used to evaluate the alternative of remaining a customer of DWSD.

- Planning Period: 25 years
- Economics: Financing for DWSD capital improvements: 30-year bonds at 5% rate

3.2 Criteria for New Lake Huron Supply Option

Engineers and planners used the following criteria for the study and evaluation of a new Lake Huron water supply.

- Planning Period: Proposed facilities are planned to meet the projected 25-year needs, at a minimum, with provisions for future expansion.

- Design Capacity: Proposed water supply is planned with capacity adequate for maximum day demand (MDD); peak demands are assumed to be met through local storage.

- Economics:
  Based on the following assumptions:
  - Inflation Rate during Planning Period: 3% annually
  - Financing: 25-year bonds at 6% rate
  - Capitalized Interest: not included

- Engineer's Opinion of Construction Costs:
  - ENR Construction Cost Index: 8688
  - Construction Contingencies: 15% of construction cost

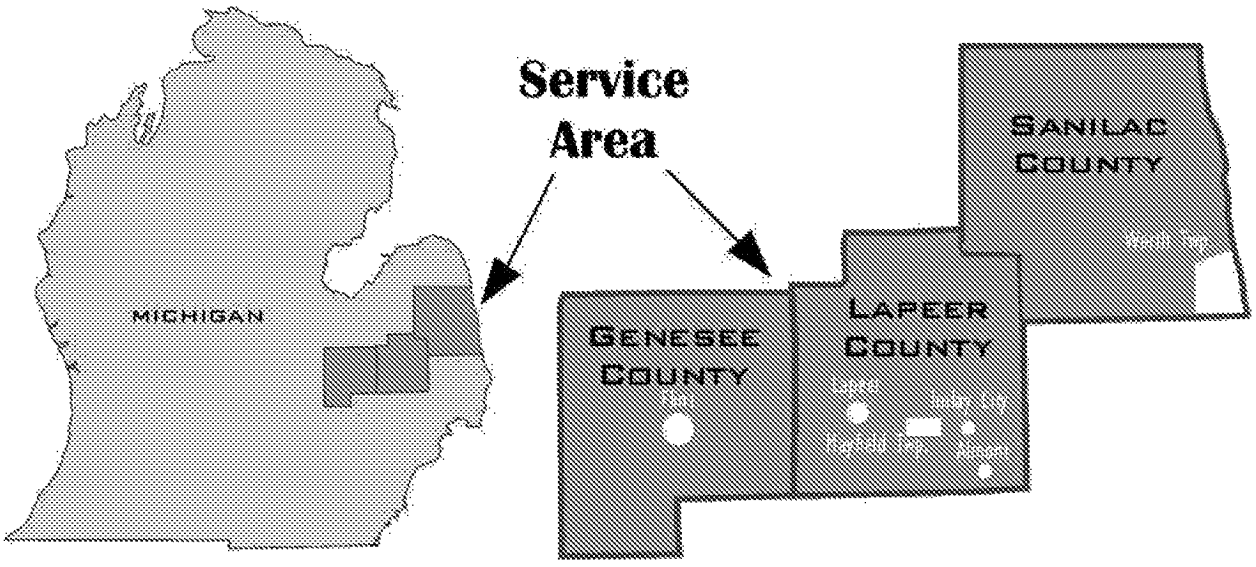
- Design Contingencies: 5% of construction cost
- Engineering, Legal, Bonds, and Administration: 17% of construction cost
- Land Acquisition Costs:
  - Easements: $0.15 per square foot
  - Land (Purchase): $6,000 per acre

- Operating and Maintenance Costs
  - Depreciation:
    - Equal to installed cost of equipment and facilities divided by their expected service life. Depreciation expenses are considered constant throughout the study period. Services lives are assumed as follows:
      - Pipe: 75 years
      - Mechanical Equipment: 20 years
      - Physical Plant: 75 years
  - Power: assumed $0.063 per kWh, in 2014 dollars
  - Labor
    - The following hourly rates are assumed, in 2014 dollars:
      - WTP Superintendent: $35 per hour
      - Supervisor: $30 per hour
      - Operators: $20 per hour
      - Maintenance Mechanics: $25 per hour
      - Mechanic's Helpers: $20 per hour
      - Instrument Technicians: $25 per hour
    - Fringe benefits add 62% to the preceding labor rates

4 Study Area

The study area is considered to include Genesee County, Flint, Lapeer County, and Sanilac County. Figure 4-1 below illustrates the study area.

Figure 4-1: Study Area



The City of Flint provides water to residential, business, and institutional customers throughout the city. The city is fully developed and adjacent areas are supplied water by GCDC-WWS, resulting in little potential for expansion of its service area.

GCDC-WWS provides water to nineteen villages, cities, and townships located in Genesee County. There is potential for expanded water service within the nineteen communities now served plus growth potential by serving new communities, within or adjacent to Genesee County.

Most cities and villages in Lapeer County operate community water systems. The City of Lapeer, the City of Imlay City, the Village of Almont, and Mayfield Township are members of GLCUA and purchase water from DWSD for distribution to their water customers. Lapeer, Imlay City, and Almont supply water to businesses and residences throughout their municipal boundaries. Mayfield Township provides water service only to a limited area within the township. Six other townships are members of GLCUA; however, they do not currently provide water service to their communities. Other county municipalities, including Columbiaville, Dryden, Metamora, and North Branch operate community water systems which utilize wells for supply. For this study, the initial service area for the new Lake Huron Supply is assumed to be the GLCUA communities. There is potential for increased water demands through continued development within existing GLCUA service areas, expansion of service to new areas, and agricultural irrigation.

Sanilac County is predominantly rural, with 80% of the land used agriculturally. Most villages and cities in the county operate community water systems. Four of the five townships which border Lake Huron operate community water systems which supply only the properties near the lakeshore. The proposed supply pipeline from Lake Huron provides the ability to serve to other areas of the county. For this study, it is assumed that one township (Worth Township) receives water from the new Lake Huron supply. Studying the requirements for providing service to Worth Township provides guidance regarding the costs for supplying other Sanilac County communities.

5 Demands

Communities and agencies within the study area are presently supplied water from other sources. Engineers and planners have reviewed records of past water use to determine the initial demands of the proposed water supply. In addition, officials representing communities within the service area have provided guidance for projecting future water use. Table 5-1 below summarizes the demands used for this study.

Table 5-1 Design Demands Used for Study

	Initial (2014)		25 Year (2039)		50 Year (2064)	
	Avg Day (mgd)	Max Day (mgd)	Avg Day (mgd)	Max Day (mgd)	Avg Day (mgd)	Max Day (mgd)
GCDC-WWS	14.2	25.0	16.2	32.5	22.5	45.0
Flint	16.5	25.0	19.2	28.8	24.0	36.0
GLCUA	2.5	3.8	9.0	14.8	11.7	19.7
Sanilac County	0.1	0.1	0.1	0.1	0.1	0.2
Total	33.3	53.9	44.5	76.2	58.3	100.9

6 Alternative 1 - Continued Supply from DWSD

Flint, GCDC-WWS, and GLCUA are currently supplied water from DWSD. Flint and GLCUA have contracts with DWSD for water service. GCDC-WWS is supplied water from Flint as a second-tier customer. This section considers options for continued supply by DWSD.

Sanilac County is not currently supplied by DWSD. This alternative is not available for Sanilac County.

6.1 DWSD Rate Methodology

DWSD establishes water rates for all of its customers through a uniform rate structure. The following variables are considered in the rate model:

- Annual average day flow
- Maximum day flow
- Peak hour flow
- Distance
- Elevation
- Meter size
- And combinations of the above

DWSD determines its cost to operate, maintain, and expand the water system on an annual basis. Costs are categorized regarding their impact by the preceding variables. Costs are combined with the variables established for each community and are used to compute the cost of water for each community annually.

DWSD indicates that rate increases are expected to average 7% through 2014, then 4% thereafter. These increases are considered the average of all DWSD customers. A review of historical records indicates that rate increases to Flint have averaged about 1% higher than the average of all suburban DWSD customers. Therefore, this study assumes increases of 8% through 2014 and 5% subsequently.

The geographical locations of Flint, GCDC-WWS, and GLCUA have a significant impact on their rates for water supply by DWSD. Historically, about 70% of the cost of water has been attributed to the "distance" and "elevation" components of the DWSD rate methodology.

DWSD is planning the construction of additional transmission facilities. Using the current rate methodology, the costs associated with the construction and operation of these facilities will be assigned to the "distance" and "elevation" categories. The cost of water to Flint, GCDC-WWS, and GLCUA are expected to increase more as DWSD adds these facilities.

6.2 Options for Continued DWSD Supply

DWSD has developed a new "Master Agreement for Water Supply". The new agreement provides a thirty year commitment for water supply and requires a commitment for purchase of a minimum volume of water each year. The agreement also provides customers the ability to specify the quantities and pressures of water to be supplied. The cost of water will be based upon the contracted quantities rather than historical demands. DWSD is not required to deliver water in

excess of the contracted quantity. Where demands are exceeded by a community, DWSD may increase the cost of water to the community based on the actual demands experienced.

DWSD is encouraging all suburban customers to adopt the new agreement to provide for better planning, uniformity between all customers and less fluctuation in rates from year to year. For customers that do not elect to execute the new master agreement, the existing supply agreements will continue to be used. Where the existing agreements remain in use, rates will be established based on historical demands plus a twenty percent allowance for potential future increases in peak demand.

Through preliminary meetings with DWSD, several concepts have been identified for Flint, GCDC-WWS, and GLCUA to remain customers of DWSD. Four of these concepts have been studied. These are summarized in the following sections and are discussed in detail in Appendix 18.

6.2.1 Option 1 – No Change

This option assumes that Flint and GLCUA continue to purchase water from DWSD based on their existing water supply contract. GCDC-WWS is assumed to continue to purchase water as a second tier customer from Flint.

It is assumed that future water rates are established on the basis of historical demands plus a 20% proxy. It is also assumed that DWSD constructs the planned upgrades to their transmission facilities and that the cost of construction and operation are incorporated into the future cost of water.

Figure 6.1 shows the projected cost of water for Flint and GCDC-WWS; Figure 6.2 shows the projected cost of water for GLCUA.

6.2.2 Option 2 – Master Agreement (Current Demands, plus 5%)

This alternative assumes that Flint, GCDC-WWS, and DWSD execute the new master agreement. It is assumed that the contracted volumes are equal to historical demands, plus a five percent increase to provide for some growth. It is also assumed that DWSD constructs planned upgrades to their transmission facilities and that the cost of construction and operation are incorporated into the future cost of water.

Figure 6.1 shows the projected cost of water for Flint and GCDC-WWS; Figure 6.2 shows the projected cost of water for GLCUA.

6.2.3 Option 3 – Master Agreement (Future Demands)

This alternative assumes that Flint, GCDC-WWS, and GLCUA execute the new master agreement. It is assumed that the contracted volumes are equal to the projected demands assumed in Section 5. It is also assumed that DWSD constructs planned upgrades to their transmission facilities and that the cost of construction and operation are incorporated into the future cost of water.

Figure 6.1 shows the projected cost of water for Flint and GCDC-WWS; Figure 6.2 shows the projected cost of water for GLCUA.

6.2.4 Option 4 – Master Agreement (Partnering Arrangement with Capital Contribution)

DWSD officials have indicated that Flint, GCDC-WWS, and GLCUA could realize reduced costs for water through a partnering arrangement. In this scenario, Flint, GCDC-WWS, and GLCUA would execute the new master agreement and would be responsible for the construction and operation of a portion of the transmission facilities upgrades planned by DWSD. Under this scenario, the distance and elevation factors used for establishing rates can be reduced.

Figure 6.1 shows the projected cost of water for Flint and GCDC-WWS; Figure 6.2 shows the projected cost of water for GLCUA.

Figures 6-1 and 6-2 show that over the 25-year planning period, option four results in the lowest cost of water of the four options considered for continued DWSD supply. This option will be compared against the alternative of constructing a new Lake Huron water supply.

Figure 6-1: Flint and GCDC-WWS Cost of Water

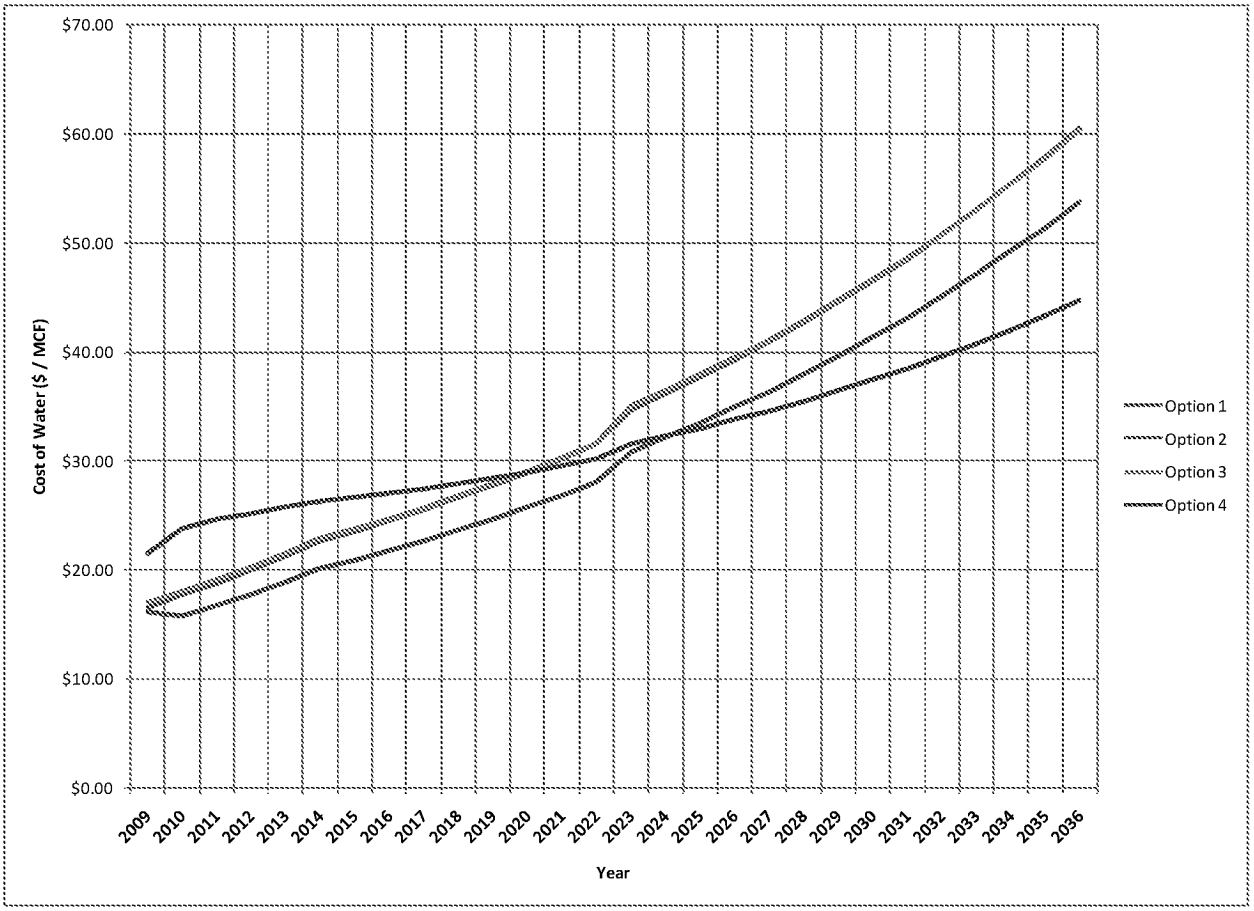
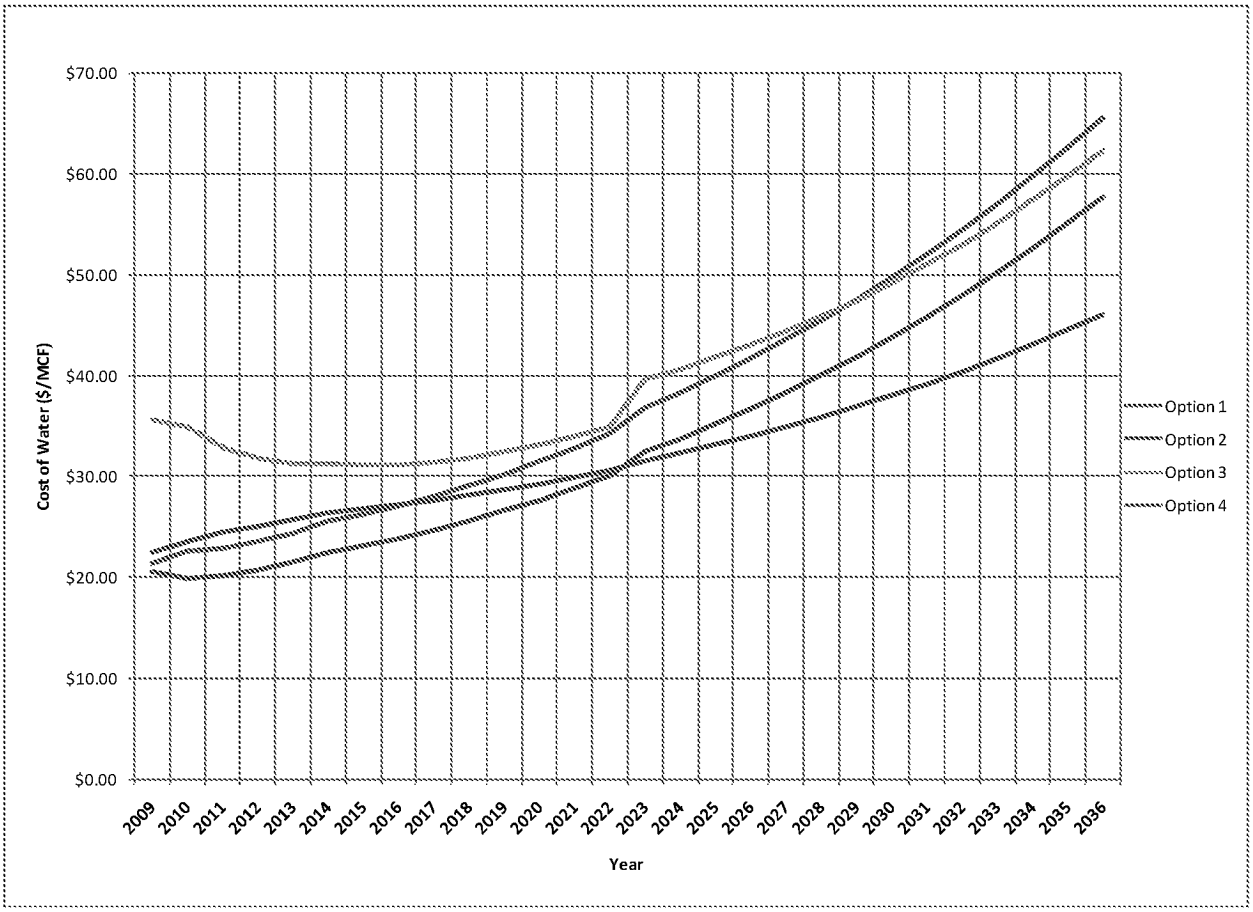


Figure 6-2: GLUCA Cost of Water



7 Alternative 2 – New KWA Lake Huron Water Supply

7.1 New Lake Huron Water Supply Concept

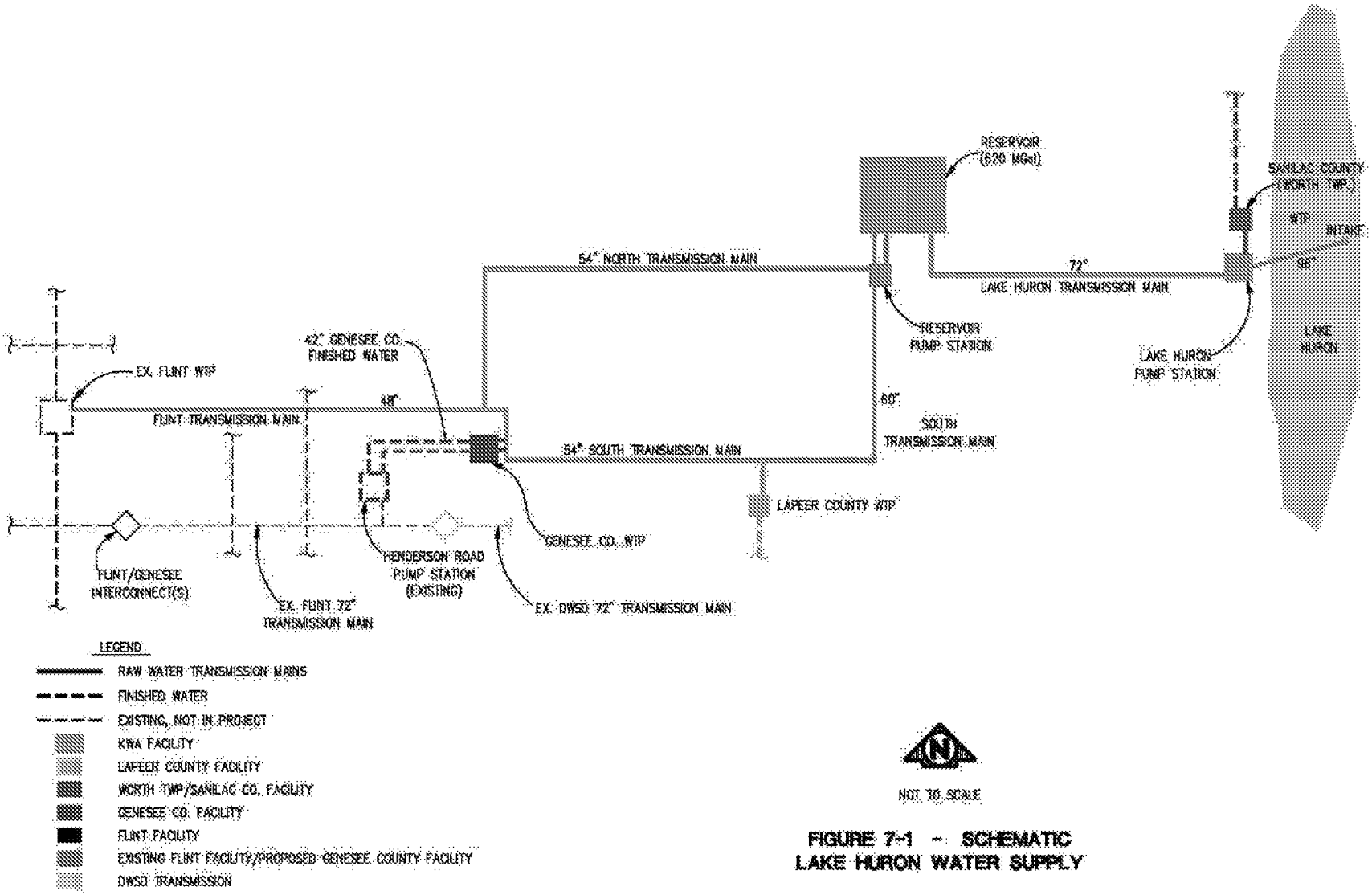
Figure 7-1 (page 9) schematically shows the proposed new water supply. Components are color coded to delineate the KWA's responsibilities and member communities' responsibilities.

The authority will be responsible for delivery of raw water to the member communities; each community will be responsible for the treatment and distribution of water to its customers.

7.1.1 Source

Water for the new supply is planned to be drawn from Lake Huron. In 2002, Genesee County purchased 230 acres of land adjacent to Lake Huron as a potential site for a new water supply facility. The site is located in Worth Township, Sanilac County, about 20 miles north of Port Huron, Michigan.

Figure 7-1: Schematic



7.1.2 Intake

A submerged crib intake is planned to be located about 3.2 miles from the shoreline, in 40 feet of water. It is believed that this location is far enough from shore to provide a steady supply of high-quality water from the upper lakes and is deep enough as to not interfere with shipping. The intake is planned with provisions for controlling zebra mussels and ice.

A single pipeline to convey water from the intake, located under the lake bottom, to a shorewell is planned. An inland reservoir will provide reliability for the single intake, which provides storage capacity for the MDD for a period of seven days. This period is considered adequate to allow for maintenance or repairs to the intake.

The proposed intake is planned with a capacity of 200 mgd, two times the projected 50-year MDD. The intake is planned to have greater capacity than other components due to the difficult construction conditions and relatively high cost, in relation to other project costs.

7.1.3 Lake Huron Pumping Station

The Lake Huron Pumping Station (LHPS) is proposed to be located adjacent to Lake Huron, pumping raw water from the intake shorewell to facilities located further inland for storage, treatment, and distribution. Two-stage pumping is planned: low-lift pumps will draw water from the shorewell and pump to adjacent ground storage tanks; high-service pumps will draw from the storage tanks and pump raw water to the inland reservoir.

The pump station facility is planned for the projected 50-year demand, although initial pumping equipment will be designed for the 25-year demand. The pump station is planned with provisions for expansion to 200-mgd capacity, consistent with the ultimate capacity of the intake.

Security provisions are planned for the pumping station facility. Backup power will be provided for system monitoring and control, security, lighting, and HVAC. Backup power for pumping is not planned; water can be supplied to customers from the inland reservoir for several days in the event of a power failure.

7.1.4 Transmission Mains

New pipelines will be necessary to transport water from the Lake Huron source to the customers.

Most of the area between Lake Huron and the proposed service area is rural. Elevations between the lake and Flint vary from a low of 590 feet to a high of 975 feet. Intermediate pumping between Lake Huron and Flint will be required to limit operating pressures.

Although specific routes have not been chosen, it is assumed that pipelines will primarily follow existing roads. Engineers have reviewed several routes to gain an understanding of road types and conditions, soil conditions, terrain, presence of existing utilities, stream and river crossings, land use, and environmental conditions that may be encountered with pipeline construction. Using this information, cost estimates for right-of-way acquisition, excavation, and restoration for the new pipelines have been developed, regardless of their route.

Engineers and planners have designed the proposed transmission mains to provide sufficient capacity for the 25-year MDD. The pipeline between Lake Huron and the inland reservoir is

planned to be a single line; the reservoir will have sufficient storage to meet maximum demand over a consecutive seven-day period, allowing for repair or maintenance of the pipeline. Other pipelines are planned to be dual lines, except where alternative provisions for reliability are available.

A specific pipeline material has not been selected, however, it is assumed that pipe may be ductile iron pipe (DIP), concrete pressure pipe (CPP), or steel pipe. DIP is available in sizes up to 64 inches in diameter.

Pipeline capacity has been developed using the following criteria:

- Maximum operating pressure: 200 psi
- Hazen Williams C-factor: 120

Figure 7.1 (page 9) shows the proposed pipeline sizes to provide capacity for the 25-year MDD.

The following pipeline appurtenances have been included in the initial planning for transmission mains.

- Isolation valves: electric actuated gate valves, at six-mile intervals
- Provisions for flushing, draining, and surge relief: periodically at streams or drains
- Provisions for air release: at high points

Additional capacity in excess of the projected 25-year MDD can be provided by the addition of intermediate pumping facilities, construction of another pipeline, or additional reservoir storage. As demands approach the projected 25-year MDD, an evaluation of future needs and alternatives should be completed to develop a specific plan for future expansion.

7.1.5 Raw Water Reservoir and Pumping

The concept for a new water supply includes an inland reservoir. The planned reservoir provides storage inland, away from Lake Huron, which can supply water to KWA customers when the single pipeline between the lake and the reservoir or the intake is out of service for repairs or maintenance. The proposed reservoir has a capacity of 620 million gallons, which can supply the MDD of KWA customers for more than seven consecutive days.

A single-cell reservoir is planned initially, based upon 25-year demands. A second cell can be added for increased future demands. A specific site for the reservoir has not been selected, but at least 190 acres of land is recommended to provide space for future expansion.

Water from the LHPS will normally be discharged directly into the reservoir; a second pumping station located at the reservoir will draw water from the reservoir for pumping to downstream customers. Although the flow-through operation should minimize loss of water quality, provisions will be provided for chemical control of algae and other potential water quality concerns in the reservoir.

Twin pipelines are planned downstream of the reservoir to provide reliability; one pipeline will be available to supply water in the event one is out of service for repairs or maintained. Together, the two pipelines have capacity for the 50-year MDD; however, an individual pipeline will have capacity only for 75% of the MDD. During periods when one pipeline is out of service for repairs or maintenance, restrictions on outdoor water use may be required to reduce demands to this level.

The reservoir pump station is planned to pump concurrently to both pipelines. Five 20-mgd pumps are planned initially to deliver the 25-year MDD. Space is provided in the planned facility for the addition of two pumps to meet the 50 year demand.

Backup power for system control and monitoring, security, lighting, HVAC, and pumping are included for the planned facility.

7.2 Service to KWA Member Communities

The concept for a new Lake Huron water supply assumes that the KWA will deliver raw water to each member community and that each community will be responsible for its treatment and distribution. Additional facilities or modifications will be required by each member community to replace their existing water supply. Each member community has different needs described below.

7.2.1 Sanilac County

The new water supply can provide service to Sanilac County communities from any point along the proposed pipeline. For this study, it is assumed service is provided to Worth Township. The facilities and cost for providing service to Worth Township will be similar for other communities. Worth Township is presently supplied finished water from the Lexington Worth Township's Utility Authority (LWTUA); LWTUA is supplied water from the Village of Lexington. LWTUA distributes water to Worth Township properties along Lake Huron and M-25. The southerly end of the LWTUA distribution system is adjacent to the planned site for the intake and pumping station for the new KWA water supply.

To supply Worth Township with the new Lake Huron water supply, treatment will be required. Raw water from the LHPS ground storage tanks will be pumped to an adjacent treatment facility to be treated by microfiltration, and disinfection prior to re-pumping to the existing LWTUA distribution system. Microfiltration is a well established treatment process for treating Great Lakes water. Microfiltration equipment is modular, and future expansion, if necessary, is easily accomplished by the addition of modules and building expansion.

An analysis of the LWTUA distribution system to evaluate the impact of a new supply has not been completed.

7.2.2 Lapeer County

DWSD currently provides treated water to Lapeer County communities of Lapeer, Imlay City, Almont, and Mayfield Township. Provisions for water treatment will be required for the new supply, to provide service to these and other Lapeer County communities.

Alternatives for treatment include a single treatment plant for Lapeer County, treatment plants for individual communities, or supply of finished water from Genesee County. After preliminary consideration, the alternative of a single Lapeer County facility is included in this study. The selection of the best alternative for treatment should be made after customers and demands are finalized.

Transmission piping, to convey treated water from the treatment facility to the four communities, is included in the project costs for Lapeer County. Treatment by microfiltration is planned. Treatment equipment is modular, and facilities can be expanded relatively easily.

The proposed treatment facility and finished water transmission mains have been planned for the 25-year MDD. Treatment facilities can be easily expanded for increased demands. Pipeline capacity can be increased by constructing additional pipelines or adding pumping capacity.

7.2.3 Genesee County

If the current finished water supply from Flint and DWSD is replaced with the new Lake Huron supply, several modifications to the GCDC-WWS system will be required.

7.2.3.1 Water Treatment

GCDC-WWS currently purchases finished water for distribution to its customers. With the proposed KWA raw water supply, treatment will be required prior to distribution.

Conventional treatment by clarification and filtration is planned. Specific processes include rapid mixing, flocculation, high-rate plate settler clarification, and granular media filtration. Provisions are included for the future addition of treatment processes, if necessary for compliance with regulations or to improve treatment.

The water treatment plant is planned to have four equally sized pretreatment trains. The loading rate of filters at the initial MDD is conservative. It is assumed that once the plant is operational, plant-scale trials will demonstrate the suitability of high-filter surface loading rates, which are expected to ultimately provide sufficient capacity for the 50-year demand without the addition of more filters.

7.2.3.2 Henderson Road Pumping Station

Finished water from the planned GCDC-WWS water treatment plant will be pumped to the Henderson Road Pumping Station (HRPS). The HRPS currently pumps water to the east and north areas of Genesee County. With the planned new Lake Huron supply, the HRPS will provide high service pumping, supplying finished water to all of the GCDC-WWS distribution system. Additional pumps must be added for its increased service area.

Three pumps currently provide a firm capacity of 16 mgd and a total capacity of 30 mgd. Additional pumping capacity of 8 mgd is needed to meet the projected demands during the initial years of operation. Additional pumping capacity of 16 mgd (from current capacity) is required for the projected 25-year demands. Expansion of the HRPS building is required to accommodate both of the additional pumps. Emergency backup power is currently available at the HRPS facility and is adequate for operating three 8-mgd pumps.

The HRPS is presently supplied water by a 48-inch pipeline from Flint's 72-inch transmission main. The 48-inch pipeline will need to be reconfigured to allow the HRPS to pump to the 72-inch transmission for distribution to the south and west areas of the county. This requires replacement of the meter and check valves with a control valve at the connection to the 72-inch main.

7.2.3.3 Flint's 72-Inch Transmission Main

A transmission main supplies water from the DWSD system to Flint from DWSD's Lake Huron treatment plant, just north of Port Huron. East of Genesee County, the pipeline is owned and operated by DWSD. The City of Flint owns and operates the 72-inch transmission main running from the DWSD meter located near the county line, through

Genesee County to the Flint water treatment plant. The GCDC-WWS distribution system is supplied through eight connections to the Flint 72-inch main.

Although the 72-inch main will no longer be necessary to convey water to Flint under this concept being studied, maintaining the main's operation will allow it to continue to supply the GCDC-WWS distribution system. In this role, future responsibility for the main should be transferred from Flint to GCDC-WWS.

7.2.4 Flint

Prior to contracting with DWSD in 1965 for water supply, the City of Flint treated water from the Flint River. DWSD delivers finished water to Flint, but the city's water treatment plant has been maintained and operated on a limited basis as a backup supply. Some modifications at the city's treatment plant will be necessary to allow it to reliably provide treatment on a continuous basis. Proposed modifications required for full-time operation and treatment of Lake Huron water include:

- Piping and metering to deliver raw water
- Power upgrades, including emergency / backup power
- Disinfection upgrades
- Chemical feed systems
- Finished water pumping
- Updated controls and monitoring
- Added security measures

7.3 Permitting

Construction of the proposed new water supply requires permits and approvals from federal, state, county, and local agencies, railroads, and utilities. It is expected all required permits and approvals can be obtained during design. A permit to withdraw water from Lake Huron has been issued by the MDEQ.

7.4 Engineer's Opinions of Cost

Engineers and planners have developed opinions of cost for construction of the new water supply and for its ongoing operation and maintenance, using the criteria identified in Section 3. Costs include contingency allowances of 20%, and engineering, legal, bond, and administrative allowances of 17%.

7.4.1 Construction Costs

Table 7-1 below summarizes the project cost of a new water supply; Table 7-2 (page 15) shows the cost distribution among the KWA member communities. KWA costs are distributed to members proportionally, based upon each community's share of the total capacity provided.

Table 7-1: Project Costs

	Engineer's Opinion of Cost
Construction Cost - New Water Supply (KWA)	$317,367,567
Construction Cost - City of Flint Treatment	$5,319,000
Construction Cost - GCDC-WWS Treatment	$76,607,003
Construction Cost - Lapeer County Treatment	$29,150,000
Construction Cost - Sanilac County Treatment	$1,328,000
Subtotal - Construction Cost	**$429,771,570**
Design Contingencies (5%)	$21,488,579
Construction Contingencies (15%)	$64,465,736
Engineering, Bond, Legal, & Administrative (17%)	$73,061,166
Utilities	$10,385,000
Property	$2,597,720
Total Project Cost	**$601,769,771**

Table 7-2: Project Costs for New Lake Huron Water Supply

Project Component	Total Project Cost	Sanilac Co. Share	Lapeer Co. Share	GCDC-WWS Share	Flint Share
KWA Lake Huron Water Supply	$443,885,767	$813,723	$86,312,736	$188,899,927	$167,859,381
New Sanilac Co. Facilities	$1,849,360	$1,849,360			
New Lapeer Co. Facilities	$40,009,060		$40,009,060		
New Genesee Co. Facilities / Upgrades	$110,038,554			$110,038,554	
New Flint Upgrades	$5,987,030				$5,987,030
Totals	$601,769,771	$2,663,083	$126,321,796	$298,938,481	$173,846,411

7.4.2 Treatment Costs

Table 7-3 summarizes the treatment costs during the first year of operation, assumed to be 2014. The costs for operating and maintaining the new KWA water supply water to each community is distributed on the basis of each community's projected annual consumption. These costs are combined with local treatment costs to determine the total cost for supplying treated water to each community. Costs are expressed in dollars per 1,000 cubic feet ($/MCF) to allow comparison with DWSD commodity units.

The last column of Table 7-3 below shows the current DWSD commodity charges, for comparison with the projected 2014 cost of treatment by the new Lake Huron supply being studied.

Table 7-3: Projected Initial Treatment Costs with New Lake Huron Water Supply

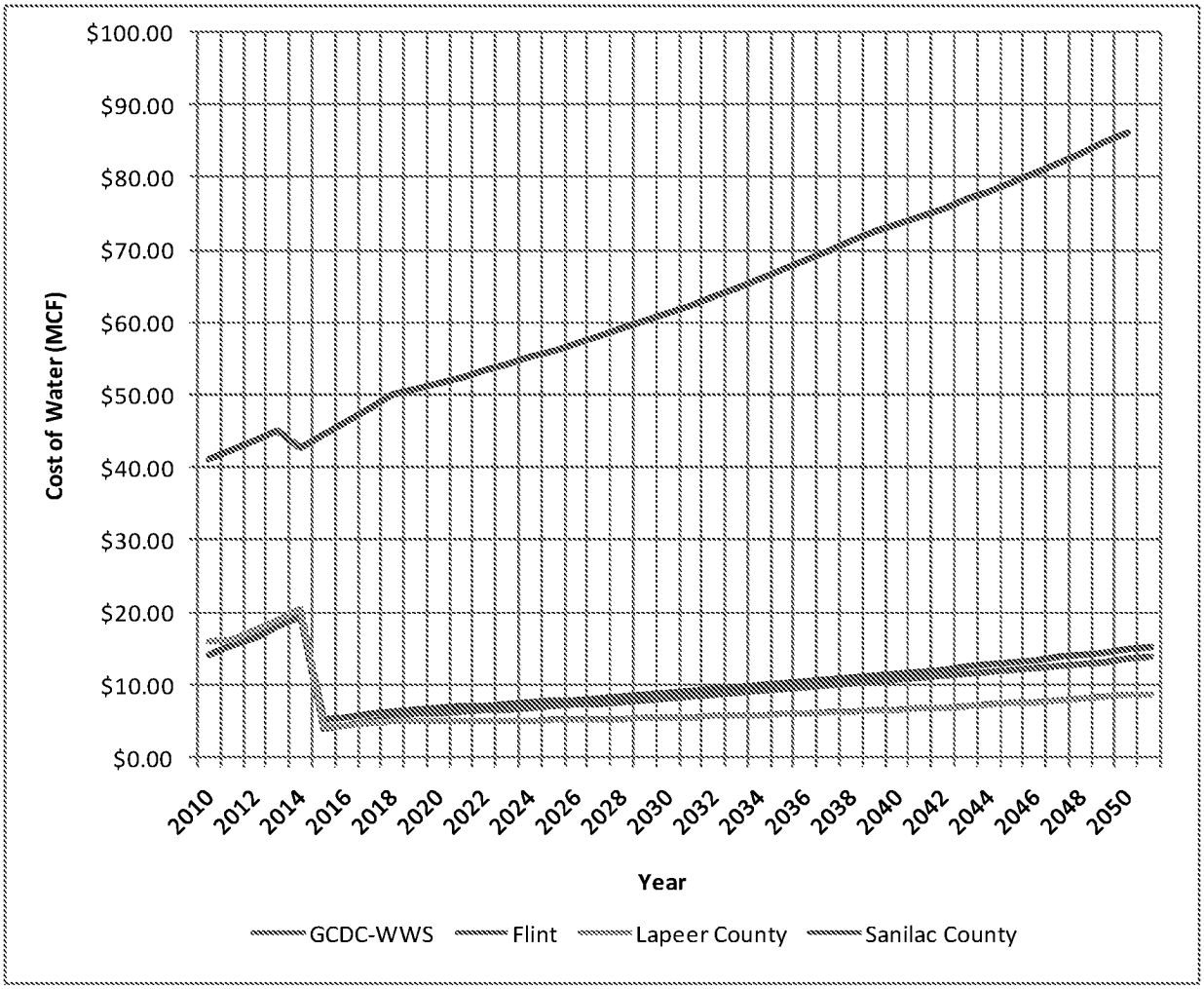
Community	KWA ($/MCF)	Local ($/MCF)	New Water Supply Treatment Cost (2014)	2009-2010 DWSD Rate
Sanilac County	$1.30	$41.56	$42.86	N.A.
Lapeer County (GLCUA)	$1.30	$3.11	$4.41	$16.10
GCDC-WWS	$1.30	$2.86	$4.16	$14.32
City of Flint	$1.30	$4.13	$5.43	$14.32

Notes
1. New water supply costs based on projected annual consumption of each community in year 2014.
2. Costs do not include debt retirement or depreciation expense.

7.4.3 Annual Treatment Costs

Projected average annual treatment costs resulting from the new water supply are shown through the year 2050 on Figure 7-2 (page 16). Neither debt retirement nor depreciation is included in the annual operating and maintenance expenses shown on Figure 7-2.

Figure 7-2: Cost of Treated Water



7.5 Alternatives for Cost Reduction

The concept developed for a new water supply is based on criteria established prior to beginning the study. There are alternatives which can reduce the cost of a new water supply, yet provide a safe, reliable supply. Project costs can be reduced by more than $100 million through incorporation of some of the alternatives identified here.

7.5.1 Cost-Reduction Alternatives – KWA Lake Huron Supply

- Provide a single supply pipeline (relocate reservoir further inland)
- Reduce the capacity of the Lake Huron intake and pumping station by 50%
- Negotiate an agreement with DWSD to provide backup and eliminate the reservoir
- Provide single-stage pumping at the LHPS
- Reduce size of transmission mains by either increasing operating pressures or reducing capacity

7.5.2 Cost-Reduction Alternatives – GCDC-WWS

- HRPS – construct additional 10-MG storage in lieu of redundant finished water pipeline
- Provide treatment by microfiltration instead of conventional treatment
- Locate WTP at HRPS site

7.5.3 Cost-Reduction Alternatives – Flint

- Reduce capacity of planned facilities

7.5.4 Cost-Reduction Alternatives – Lapeer County

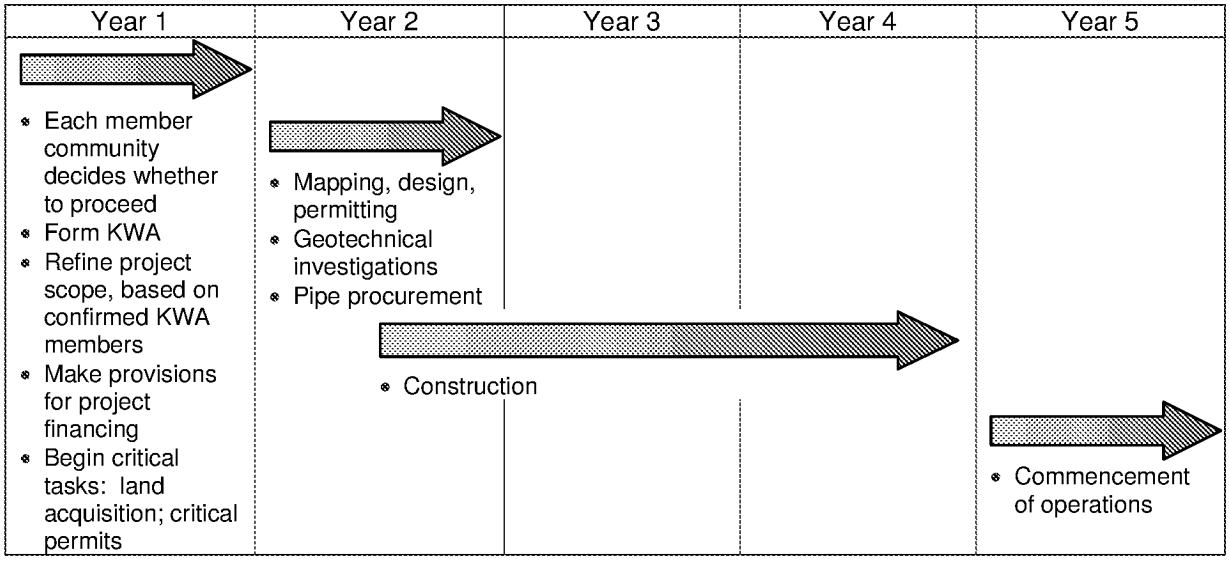
- Reduce capacity of planned facilities
- Other options for treatment and distribution may reduce costs once actual service area and demands are defined.

7.5.5 Cost-Reduction Alternatives – Sanilac County

- Identify specific customers for water supply and determine facilities and costs for specific conditions

7.6 Implementation

The following schedule shows that planning and design of the new water supply can be completed within four years. Early procurement of pipe and materials, division of construction work to allow for more contractors or crews, advance work on critical issues, and other measures can be incorporated in the proposed project to accelerate the schedule.

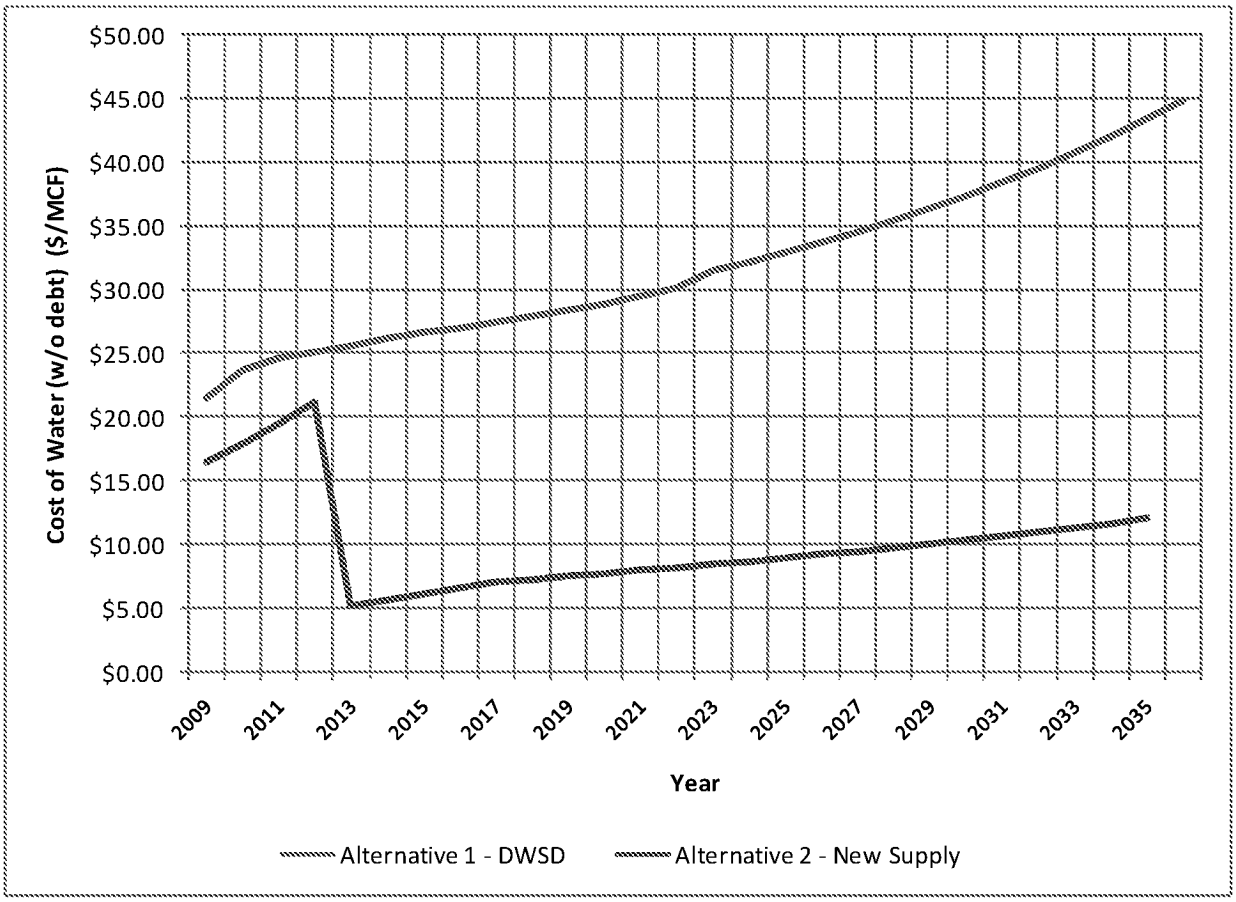


8 Comparison of Alternatives

With the investments in facilities planned by DWSD, either of the alternatives considered are believed to provide a reliable, long-term water supply with sufficient capacity for the needs of the study area. Both alternatives address the criteria established for reliability, water quality, quantity and security. The primary difference between the two alternatives is economics. Regardless of the alternative selected, a new pipeline and other facilities are planned for construction. As a result, the cost of water will increase regardless of the alternative selected; however, each will be affected differently.

Figure 8-1 shows the projected cost of water over the planning period for both alternatives. For demonstration purposes, the cost of water for the new Lake Huron water supply alternative does not include the cost of repayment of debt incurred for its construction. The graph shows that without the debt of constructing the new system (or once the debt for its construction is repaid), the cost of water from the new supply will be substantially less than continuing to purchase water from DWSD.

Figure 8-1: Comparison of Alternatives



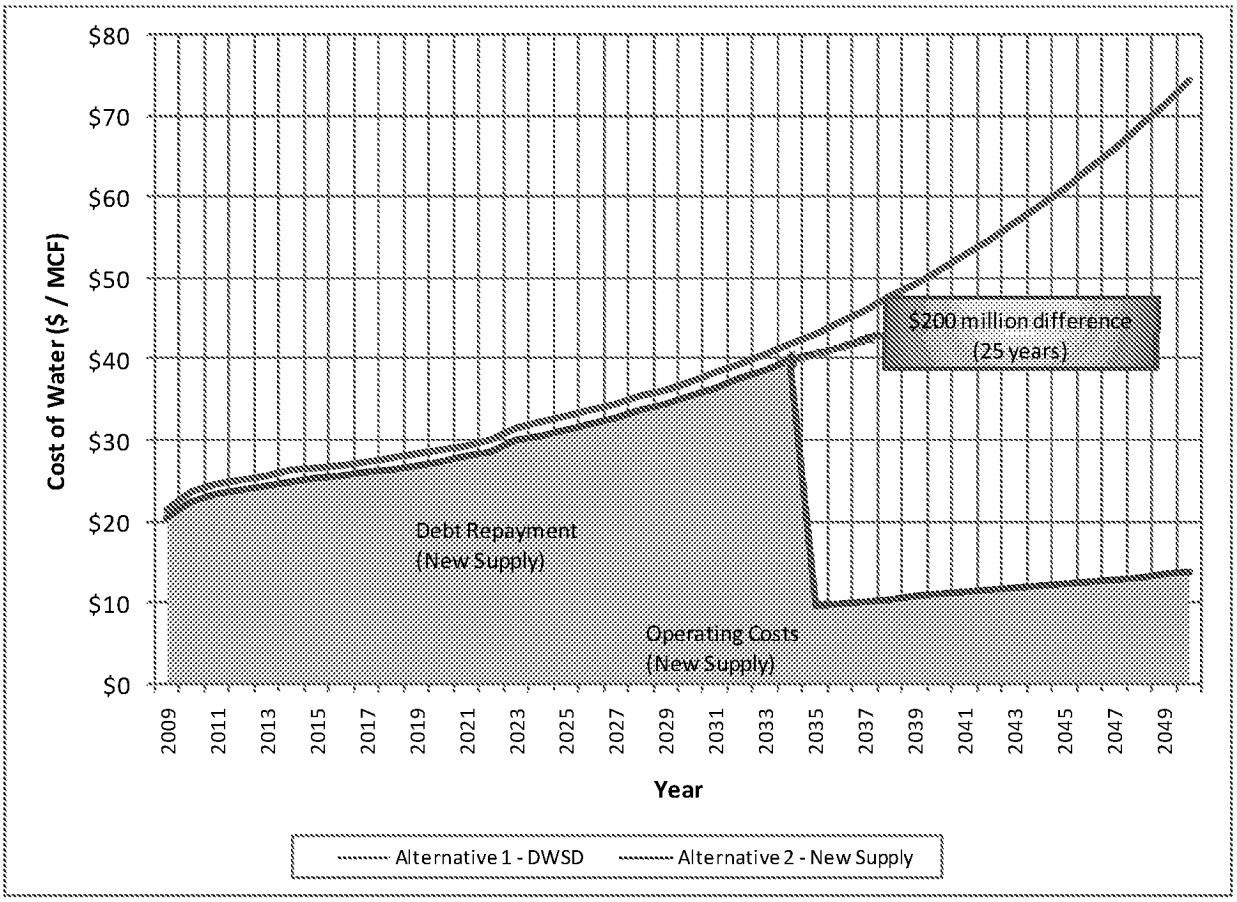
9 Debt Service

The cost of water for the DWSD alternative was developed using the DWSD rate methodology which includes recovery of capital investment. For comparison, the cost of water for the new Lake Huron supply should include the cost of financing its construction.

If 25-year bonds are used for financing the construction of the new Lake Huron supply, analysis has shown that the cost of water for the new Lake Huron supply can be less than with continuing service from DWSD. Over the 25-year life of the bonds, the total cost of water with continued DWSD supply is projected to be $200 million greater than with the new Lake Huron supply.

Figure 9-1 demonstrates the cost savings resulting from new Lake Huron supply during the 25-year bond period; the figure also shows the reduction of the cost of water with new Lake Huron supply once the debt in paid back.

Figure 9-1: Comparison of Alternatives



10 Other Impacts of Long-Term Water Supply Alternatives

In addition to the criteria established in Section 2 for comparison of long-term water supply alternatives, there will be other impacts. A review of some of these follow.

10.1 Employment

Either alternative will require the construction of new facilities. Depending on the alternative, up to 1,200 construction jobs will be created over a three-year period. With Alternative 1, the new facilities constructed by DWSD must comply with Executive Order 4001 of the Mayor of Detroit, which requires that either at least 50% of labor for construction is Detroit residents or a penalty is assessed against the contractor. Without the restrictions, Alternative 2 offers the Genesee, Lapeer, and Sanilac County region more opportunity to furnish local labor for construction.

Continued DWSD supply will result in a negligible increase in operation and maintenance staffing once the new facilities are constructed, since water will be supplied from an existing treatment plant. Approximately 45 new full-time positions will result from operation and maintenance of three new water treatment plants and other facilities consequential to the new Lake Huron water supply.

10.2 Facility Life

DWSD plans for construction of a new section of transmission main; this main is a small piece of the overall DWSD system. Although the facilities planned by DWSD will be new, most other

components of the DWSD system are 50 to 100 years old. As a result of the age of the DWSD system, future operating and replacement costs are anticipated to continue to be greater with continued DWSD supply than with the new system provided by KWA.

10.3 Environmental Impacts

Both alternatives will result in approximately 70 miles of new transmission main. Since specific routes have not been determined, it is assumed that both alternatives will have similar impacts environmentally as a result of pipeline construction. Permitting for construction of either pipeline alternative is expected to be of a routine nature. Impacts are anticipated to be temporary, occurring only during the construction period.

Continued supply from DWSD provides for supply of water through an existing intake from Lake Huron. The alternative for a new supply requires construction of a new intake. Environmental impacts during construction of the new intake will be of a temporary nature. With either alternative, the total quantity of water drawn from Lake Huron will be equivalent. A permit for withdrawal from Lake Huron has been issued for the new water supply.

11 Glossary

25 Year Demand – The projected quantity of water needed in the future (in 25 years).

Average Day Demand – The quantity of water desired over a period of 24 hours, averaged over a year.

Capacity – The greatest quantity that can be conveyed or processed by a particular component, or the limiting quantity of a facility or series of components.

Clarification – Water treatment process providing for the removal of particles from water using gravity settling.

Construction Contingencies – An allowance in the project budget so money is available in the event unexpected conditions are encountered during the construction phase which requires additional work to finish the project.

Construction Cost – The cost of constructing proposed facilities; including labor, materials, and contractor's equipment charges and fees.

Crib – Submerged structure which surrounds inlet to intake pipe for protection.

Demand – The quantity of water desired by customers.

Design Contingencies – An allowance in the project budget so money is available in the event that design and permitting requirements result in the need for additional facilities, longer pipeline routes, more difficult construction conditions, or other conditions which increase the project cost.

Disinfection – Treatment process to destroy or prevent the growth of disease-carrying microorganisms.

Distribution –Delivery of water to customers (homes, businesses, institutions, etc.) by a pipe network.

ENR Construction Cost Index – An index for "time adjustment of construction costs". Engineering News- Record (ENR) is a long established publication serving the construction industry. The index is computed based upon the cost 200 hours of labor, 25 cwt structural steel, 1.128 tons cement, and 1,088 board feet of lumber. The index has been computed over a 100+ year history.

Filtration – Treatment process using a porous material to trap and remove suspended particles from water.

Finished water – Water that has received treatment and meets standards and regulations established for drinking water.

Firm Capacity – The maximum quantity of water that can be treated or pumped in the event that the largest mechanical component or pump is out of service.

Governmental Authority – A governmental entity, comprised of other governmental units (cities, townships, counties, etc.), for a special purpose such as sharing services (water utilities, public safety, libraries, etc.)

Ground Storage – Tank at ground level for the storage of water.

Hazen Williams C Factor – Engineering coefficient used for considering the effect of pipe material on hydraulic capacity.

High Service – Term used to describe pumping against high pressure, often resulting from elevation increases and friction in pipeline(s).

Intake – Submerged pipe inlet to draw water from a lake.

Local Storage – Water storage tanks located in the distribution system, often providing for supplying water for peak demands because of their proximity to the customers' locations.

Low Lift – Term used to describe pumping against relatively low pressure, usually where water must be lifted to provide for another treatment process.

Malevolent – Actions intended to result in harmful or malicious impact.

Maximum Day Demand (MDD) – The maximum quantity of water desired by customers over any 24 hour period.

Microfiltration – Treatment process using fine-pored synthetic membranes for removal of particles in water.

O&M – Acronym for operating and maintenance. Operating and maintenance is the ongoing cost for operation, including labor, power and utilities, chemicals and supplies, maintenance and repairs, supervision, and administration.

Peak Hour Demand – The greatest quantity of water desired for consumption during any one hour period.

Project Costs – The total cost of constructing proposed facilities; including the cost of construction plus other costs expected during the planning, design, and construction phases. Other costs often include land acquisition, utility service, engineering, legal fees, and appropriate contingencies.

Proxy – An allowance for future increased water use assumed by the water supplier, in absence of information provided by the water customer.

Raw Water – Water in its natural state, prior to treatment.

Reservoir – Earthen basin or tank for the storage of water.

Residuals – Solid materials resulting from the treatment of water. Residuals may include solids (silt, algae, etc.) removed from the source water or the precipitate resulting the addition of chemicals for treatment.

SCADA – Acronym for "Supervisory Control and Data Acquisition". SCADA is a term commonly used to describe the instrumentation to measure or monitor equipment and/or processes, and controls to operate equipment.

Shorewell – Vertical shaft located adjacent to lake, extending from the ground surface down to the intake pipe.

Zebra mussels – small shellfish introduced to Great Lakes through ballast discharge from international shipping. Zebra mussels are a concern to waterworks because they attach to submerged intakes and pipes, resulting in reduced capacity or plugging.

12 Abbreviations

CPP	Concrete Pressure Pipe
DIP	Ductile Iron Pipe
DWSD	Detroit Water and Sewerage Department
ENR	Engineering News-Record
GCDC-WWS	Genesee County Drain Commissioner – Division of Water and Waste Services
GLCUA	Greater Lapeer County Utilities Authority
HRPS	Henderson Road Pumping Station
HVAC	Heating, Ventilation, and Air Conditioning
KWA	Karegnondi Water Authority
kWh	Kilowatt-hour
LWTUA	Lexington Worth Townships Utilities Authority
MCF	1,000 Cubic Feet
MDD	Maximum Day Demand
MDEQ	Michigan Department of Environmental Quality
MG	Million Gallons
Mgd	Million Gallons per Day
O&M	Operating and Maintenance
SCADA	Supervisory Control and Data Acquisition
WTP	Water Treatment Plant

From: Shekter Smith, Liane (DEQ)
Sent: Thursday, March 21, 2013 1:16 PM
To: Creal, William (DEQ)
Cc: Benzie, Richard (DEQ)
Subject: RE: request for information to share during CWA/SDWA integration session: RE: Draft State Directors' Meeting Agenda
Attachments: Request for WQ Monitoring 10-31-12 wb-swas-reqform_247026_7 (1).doc

Bill –

The request from EPA regarding program integration reminded us that we needed to follow-up on our request last fall for WRD to monitor at selected intakes for a number of chemicals of concern (see attached).

It's our understanding that WRD were going to notify applicants in Feb/March, but we have not heard anything. Could you update us on the status of this request? And if this is moving forward, would it be appropriate to bring up at the Region 5 director's meeting?

Liane

From: Creal, William (DEQ)
Sent: Wednesday, March 20, 2013 9:13 PM
To: Shekter Smith, Liane (DEQ)
Cc: Benzie, Richard (DEQ); Monosmith, Carrie (DEQ)
Subject: Re: request for information to share during CWA/SDWA integration session: RE: Draft State Directors' Meeting Agenda

Not really. Michigan does a good job controlling nutrients with a focus on phosphorus.

On Mar 20, 2013, at 4:51 PM, "Shekter Smith, Liane (DEQ)" <SHEKTERL@michigan.gov> wrote:

> Anything you would like to see us share and/or update at our upcoming PWSS Director's meeting?
>
> ---
>
> **From:** Drake, Wendy [mailto:drake.wendy@epa.gov]
> **Sent:** Friday, March 15, 2013 7:35 PM
> **To:** alao@idem.in.gov; Benzie, Richard (DEQ); Dave McMillan; gerald.smith@state.mn.us; jill.jonas@wisconsin.gov; Karla Peterson; lee.boushon@wisconsin.gov; mike.baker@epa.state.oh.us; Monosmith, Carrie (DEQ); pcarroll@idem.in.gov; randy.ellingboe@state.mn.us; Rick.Cobb@illinois.gov; robert.smude@state.mn.us; Shekter Smith, Liane (DEQ)
> **Cc:** Poy, Thomas
> **Subject:** request for information to share during CWA/SDWA integration session: RE: Draft State Directors' Meeting Agenda
>
> Hi, everyone.
>
> To follow-up on Tom's e-mail below, we'd like to include a session on CWA/SDWA integration during the upcoming state directors' meeting. This session is currently scheduled for Tuesday, April 16, at 3:00

p.m. The proposed topics include national and regional EPA CWA/SDWA integration nutrient-related activities, such as: (1) activities in the Western Basin of Lake Erie, (2) state nutrients frameworks, and (3) WI nitrate project status. We'll be discussing where and how to better coordinate between states and Region 5 during this meeting.

If you and/or any of your staff would be interested in presenting information about your work in nutrients, harmful algal blooms, or what projects are happening in Lake Erie, etc., please let me know. And if you have additional ideas for topics, please let me know that, too.

Thanks, and I look forward to seeing you in April!

Wendy

Wendy Drake | U.S. EPA, Region 5, Water Division, Ground Water and Drinking Water Branch
77 West Jackson Boulevard, WG-15J | Chicago, IL 60604 | Phone: 312-886-6705
drake.wendy@epa.gov

From: Poy, Thomas
Sent: Tuesday, February 26, 2013 8:17 AM
To: alao@idem.in.gov; benzier@michigan.gov; Dave McMillan; gerald.smith@state.mn.us; jill.jonas@wisconsin.gov; Karla Peterson; lee.boushon@wisconsin.gov; mike.baker@epa.state.oh.us; monosmithc@michigan.gov; pcarroll@idem.in.gov; randy.ellingboe@state.mn.us; Rick.Cobb@illinois.gov; robert.smude@state.mn.us; shekterl@michigan.gov
Cc: R5 WD GWDW
Subject: Draft State Directors' Meeting Agenda

Attached please find a rough draft of the State Directors' Meeting Agenda. If you have topics to propose, please let me know.
Thanks

Tom

Tom Poy
Chief, Ground Water and Drinking Water Branch
USEPA - Region 5
(312) 886-5991

Michigan Department of Environmental Quality
Water Resources Division
WATER QUALITY MONITORING REQUEST

Completion of this form is voluntary. Submission of this form is not required.

Requestor Information (please print or type):			
NAME Richard Benzie, Chief, Community Drinking Water Unit			ORGANIZATION Office of Drinking Water and Municipal Assistance, DEQ
MAILING ADDRESS 525 W. Allegan			PHONE # (517) 241-1245
CITY Lansing	STATE MI	ZIP 48909	E-MAIL ADDRESS benzier@michigan.gov

Please identify the water body name(s) and location(s) recommended for monitoring.		
WATER BODY NAME(S) Raisin River, Lake St. Clair Shoreline, Flint River, Huron River, Platte/Boardman Watershed, Elk/Pine/Betsie Watershed and Ontonagon/Iron Watershed	LATITUDE See below	LONGITUDE See below

_____ ¼ of _____ ¼ Section: _____, Town: T_____, Range: R_____, Township: _____, County: _____.

PLEASE DESCRIBE THE REASON FOR MONITORING, LIST ANY QUESTIONS YOU WOULD LIKE ANSWERED, AND SPECIFY THE MONITORING PARAMETERS DESIRED:

The locations listed below are drinking water intakes located in the water bodies listed above, most of whom are targeted for monitoring in the Strategic Environmental Water Quality Monitoring Program for Michigan's surface waters. In addition to the parameters WRD typically monitors in targeted watersheds, Michigan's Public Water Supply Supervision (PWSS) program requests these locations also be sampled for 1,4-dioxane, chlorate, perfluorinated compounds (PFOS, PFOA, PFNA, PFHxS, PFHpA and PFBS), and the following hormones: 17-B-estradiol, 17-@-ethynylestradiol, estriol, equilin, estrone, testosterone and 4-androstene-3,17-dione. These parameters are among the 30 emerging contaminants that are included in EPA's third Unregulated Contaminant Monitoring Rule (UCMR3) that requires certain public water systems to monitor treated drinking water between 2013 and 2015. Monitoring at these intakes can be easily accomplished as sampling stations are already available. Results of this monitoring will provide drinking water systems with the level of emerging contaminants in their source and allow them to focus their Source Water Protection Programs on reducing the presence of these contaminants in their source waters instead of employing costly treatment. It will also facilitate a collaborative effort between the Safe Drinking Water and Clean Water (PWSS and NPDES) programs in Michigan.

SUPPLY NAME	Intake Name	LATITUDE	LONGITUDE
City of Adrian	Lake Adrian Intake	41.91284	-84.03665
City of Algonac	Raw Water Intake Line	42.62083	-82.5264
City of Ann Arbor	Huron River Intake at Barton Pond	42.30864	-83.75374
Village of Blissfield	Raisin River Intake	41.82826	-83.87898
City of Charlevoix	Buried Screen Intake	45.32222	-85.27028
Village of Deerfield	Raisin River Intake	41.88335	-83.78325
City of Flint	Concrete Shore Intake - Standby	43.05489	-83.66871
City of Grosse Pointe Farms/Highland Park	Lake St Clair Intake	42.40313	-82.87852
Huron Regional Water Authority	Lake Huron Intake	44.054667	-83.0025
Ira Township Water Treatment Facility	Lake St Clair Intake	42.68056	-82.67083
Village of Lexington	Lexington Intake	43.26444	-82.51306
City of Monroe / Frenchtown Township	Lake Erie 30" Intake	41.93667	-83.23862
City of Monroe / Frenchtown Township	Lake Erie 42" Intake	41.94173	-83.24994
Mount Clemens	Lake St Clair Intake	42.55825	-82.82481
New Baltimore	New Baltimore WTP Intake	42.67778	-82.73195
Ontonagon	Lake Superior Intake	46.83585	-89.574333
City of Traverse City	East Bay Intake	44.7694	-85.53791

- If latitude and longitude coordinates are not listed above, please attach one or more maps or drawings of suggested sampling locations (if possible). Include in the map or drawing nearby roads and other landmarks.
- The decimal degrees format of latitude/longitude coordinates is preferred (e.g., 42.123456, -84.123456), though not required.

Please e-mail, mail, or fax completed form to:

Jeff Varricchione
Department of Environmental Quality
Water Resources Division
P.O. Box 30458
Lansing, Michigan 48909-7958
varricchionej@michigan.gov
Fax: 517-373-9958

Message

From: Shekter Smith, Liane (DNRE) [/O=MIGOV/OU=FIRST ADMINISTRATIVE GROUP/CN=RECIPIENTS/CN=SHEKTERL]
Sent: 7/8/2011 5:27:21 PM
To: Browne, Elizabeth (DNRE) [/O=MIGOV/OU=First Administrative Group/cn=Recipients/cn=BROWNEE]; Butler, Sonya (DNRE) [/O=MIGOV/OU=First Administrative Group/cn=Recipients/cn=BUTLERS2]
Subject: RE: Meeting with Director

Looks like I can make it. I'll plan to attend with Sonya.

From: Browne, Elizabeth (DNRE)
Sent: Friday, July 08, 2011 1:26 PM
To: Butler, Sonya (DNRE); Shekter Smith, Liane (DNRE)
Subject: RE: Meeting with Director

That helps with expectations. I just checked my schedule and we have a 1 PM interview - I could probably get to this meeting a little late if you have a total conflict Liane.

Liz Browne
Assistant Chief
Resource Management Division,
Department of Environmental Quality
517-335-6947
brownee@michigan.gov

From: Butler, Sonya (DNRE)
Sent: Friday, July 08, 2011 1:21 PM
To: Shekter Smith, Liane (DNRE); Browne, Elizabeth (DNRE)
Subject: FW: Meeting with Director

As discussed

From: Brad Comment [mailto:brad@KindsvatterAssociates.com]
Sent: Friday, July 08, 2011 9:35 AM
To: Butler, Sonya (DNRE)
Subject: Meeting with Director

Sonya,

I apologize that I am now getting you information regarding our meeting with Director Wyant on Monday with my client, the Genesee County Drain Commissioner Jeff Wright. The purpose of our meeting will be to discuss projects on the Drinking Water Revolving Fund for both Genesee County but also Karegnondi Water Authority.
Part of the discussion will be the hope of having The MDEQ endorsing the project and approving DWRF and other funding, because the project will, at long last, provide a water supply that will truly be reliable. One of the greatest problems for this area is that when the water supply from Detroit is interrupted, this area will experience water restrictions, boil water notices and the complete shutdown of our restaurants, hospitals and many area businesses.
My primary contact for information has been unavailable for the last two weeks, and I apologize for any inconvenience. If I am able to obtain any other information I will be happy to share it with you. I have attached a PowerPoint with general talking points as well as an Executive Summary from an Engineering Report which further discusses the project in comparison to the current system this region has for water.
Thank you for your patience.
Bradley Comment
Vice President of Government Affairs
Kindsvatter & Associates, Inc.
1000 West St. Joseph Highway, Suite 200
Lansing, MI 48915
PPI mobile
(517) 485-7711 office
(517) 485-9408 fax

www.kindsvatterassociates.com

Kindsvatter & Associates, Inc. is a strategic initiative government relations and association management specialist firm with a seasoned professional staff whose primary goal is providing clients with business management services and legislative representation at the state and national level.

From: Busch, Stephen (DEQ)
Sent: Friday, May 16, 2014 12:02 PM
To: Benzie, Richard (DEQ);Shekter Smith, Liane (DEQ)
Cc: Cook, Pat (DEQ);Prysby, Mike (DEQ)
Subject: RE: Call from MI citizen in Flint

Richard and Liane,

FYI.

Mike, Adam, and I had a conference call with Flint this morning to go over some MOR and monitoring details.

We have received bacti and distribution Cl data, but only have some preliminary MOR data. Remaining MOR data will be provided as required by the end of the month.

They appear from what we discussed to be conducting the required monitoring and preliminary data suggest everything is meeting standards. Unit 37 samples will be collected next week, but as previously indicated we do have results from test runs that demonstrate everything was meeting standards.

The WTP has not been Fluoridating at this time, as we suggested they focus on required treatment until things settle down. They indicated they should be ready by June 1 to start Fluoridation. They do have around 0.15 ppm in the raw water.

If want any additional info just let us know.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: Benzie, Richard (DEQ)
Sent: Thursday, May 15, 2014 2:02 PM
To: Crooks, Jennifer; Prysby, Mike (DEQ); Cook, Pat (DEQ)
Cc: Busch, Stephen (DEQ); Shekter Smith, Liane (DEQ)
Subject: RE: Call from MI citizen in Flint

I suspect there may has been excessive runoff and storm water discharges with the weather we have been experiencing, but you will have to ask the Water Resources Division for details. If a release or overflow is unusual or not expected, both we and the systems should get contacted through the PEAS contact lists.

We expect surface water treatment plants to be capable of treating their source adequately from a microbial standpoint regardless of deteriorating source water quality.

One answer to his question is that any time a system is unable to meet drinking water standards or suspects there may be a water quality problem as a result of an unexpected event (spill, pressure loss, etc.), they are required to notify the consumers and provide appropriate precautionary advice. So no news should be considered good news.

We can talk more next week.

From: Crooks, Jennifer [mailto:crooks.jennifer@epa.gov]
Sent: Thursday, May 15, 2014 11:16 AM
To: Prysby, Mike (DEQ); Cook, Pat (DEQ); Benzie, Richard (DEQ)
Subject: FW: Call from MI citizen in Flint

The citizen, Mr. Lathan Jefferson, contacted Mindy Eisenberg at Headquarters. I will follow up with you all next week at her request. Mike, if I could get copies of the lab analyses for regulated contaminants and their MOR for the new Flint water, I'd appreciate it. Richard and Mike, Mindy is wondering if there were any contaminant releases recently into the Flint River? See my response below.
Jennifer

From: Crooks, Jennifer
Sent: Thursday, May 15, 2014 9:57 AM
To: Eisenberg, Mindy
Cc: Poy, Thomas
Subject: RE: Call from MI citizen in Flint to you

I will talk with Mike, Pat and Richard next Monday and get the analyses from Mike, and send to you next week.
Thank you again, Mindy.
Jennifer

From: Eisenberg, Mindy
Sent: Thursday, May 15, 2014 9:55 AM
To: Crooks, Jennifer
Cc: Poy, Thomas
Subject: RE: Call from MI citizen in Flint to you

Thanks Jennifer,
I told him that I would make some calls to find out what is going on and then would get back to him. He mentioned that he was on his way to talk with the Flint treatment plant, so we'll see how that goes.

Mindy

Mindy Eisenberg
Chief, Protection Branch
Office of Ground Water and Drinking Water
U.S. Environmental Protection Agency
1200 Pennsylvania Ave., NW, mailcode 4606M
Washington, DC 20460
(202) 566-1290
eisenberg.mindy@epa.gov

From: Crooks, Jennifer
Sent: Thursday, May 15, 2014 10:52 AM
To: Eisenberg, Mindy
Cc: Poy, Thomas
Subject: RE: Call from MI citizen in Flint to you

Hi, Mindy. Thank you for listening to him. Mike Prysby, the DEQ district engineer who oversees Flint water treatment and distribution, doesn't have Flint's Monthly Operating Report yet, but he has results from Phase 2/5 and other required contaminant analyses (required to meet so the plant could be put on-line), and health standards are being met, he said. I will ask Mike to send me copies of their Phase 2/5 results and the MOR, and his analysis. I didn't specifically ask about any

contaminant releases, but DEQ has historically been consistently reliable in reporting to us any contaminant releases---but I will ask Mike that also. Richard Benzie is out of the office til Friday or Monday, but I will be in Lansing auditing set-asides next Monday, so I will touch base with him also.

Pat Cook is the DEQ drinking water treatment expert, who Lathan Jefferson talked to at MI DEQ this week. Pat Cook was out of the office at training so I was unable to find out what he told Mr. Jefferson. Mr. Jefferson refused to take Mike Prysby's phone number, which is why he didn't mention Mike's name to you.

Jennifer

From: Eisenberg, Mindy
Sent: Thursday, May 15, 2014 9:36 AM
To: Crooks, Jennifer
Cc: Poy, Thomas; Hyde, Tinka
Subject: RE: Call from MI citizen in Flint to you

Hi Jennifer,
Yes, I just spoke with him and he explained the situation. He didn't mention Mike Prysby but did mention a Pat Cook from DEQ who he has spoken with about the health issues. What analyses is Flint doing? Do they have any analyses for the Phase 2/5 rules? He expressed concern about closed GM plants along the river. Could there be releases? Have you spoken with Richard Benzie?

Thanks

Mindy Eisenberg
Chief, Protection Branch
Office of Ground Water and Drinking Water
U.S. Environmental Protection Agency
1200 Pennsylvania Ave., NW, mailcode 4606M
Washington, DC 20460
(202) 566-1290
eisenberg.mindy@epa.gov

From: Crooks, Jennifer
Sent: Thursday, May 15, 2014 9:57 AM
To: Eisenberg, Mindy
Cc: Poy, Thomas; Hyde, Tinka
Subject: Call from MI citizen in Flint to you

Mindy—A Mr. Lathan Jefferson has talked with Tinka, and also with me just now about his drinking water quality. Flint has just switched from Detroit water (from Lake Huron) to Flint River water within the past couple of weeks. Flint River quality is not great, but there is a surface water treatment plant producing water that is currently meeting SDWA standards, according to the MI DEQ district engineer, Mike Prysby. The water has more hardness, and pH and alkalinity may be different from Detroit water. Mike will have more information on the difference in water quality when he receives Flint's first monthly operation report this week. Mr. Jefferson said he and many people have rashes from the new water. He said his doctor says the rash is from the new drinking water, and I told him to have his doctor document this and he can bring to the attention of the MI DEQ, since lab analyses to date show that the drinking water is meeting all health-based standards. He has no interest in speaking with Mike Prysby; he doesn't trust anyone in MI government. He asked me for free drinking water lab analyses, which I was unable to provide. He only wants to speak with someone from EPA Headquarters.

Jennifer

Jennifer Kurtz Crooks
Michigan Program Manager/Set-Aside Coordinator
Ground Water and Drinking Water Branch
U.S. EPA, Region 5
77 West Jackson Blvd., WG-15J
Chicago, Illinois 60604
(312) 886-0244
(312) 582-5853 (fax)
crooks.jennifer@epa.gov

From: Groetsch, Kory J. (DCH)
Sent: Thursday, August 06, 2015 8:30 PM
To: Shekter Smith, Liane (DEQ)
Cc: Priem, Wesley F. (DCH)
Subject: Flint Lead Outreach

Hi Liane,

Wes Priem is the Section Manager of the Healthy Homes Section in DEH.

Wes and I talked about the Pb outreach needs in Flint. We are generally interested, but need to touch base with Linda when she returns on 8/17.

Feel free to keep us in the loop.

Kory Groetsch, MS , Manager
Toxicology and Response Section
Michigan Dept of Health and Human Services (MDHHS)
201 Townsend St.
Lansing, MI 48913
517-335-9935
groetschk@michigan.gov

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From: Shekter Smith, Liane (DEQ)
Sent: Wednesday, October 31, 2012 5:04 PM
To: Prysby, Mike (DEQ)
Subject: FW: Briefing on Karegnondi Project/City of Flint

FYI

Liane J. Shekter Smith, P.E., Chief
Office of Drinking Water and Municipal Assistance
Michigan Department of Environmental Quality
517-373-9523

From: Shekter Smith, Liane (DEQ)
Sent: Monday, October 29, 2012 11:33 AM
To: Wyant, Dan (DEQ); Creagh, Keith (DNR); Clover Adams, Jamie (MDA); Sygo, Jim (DEQ)
Cc: Creal, William (DEQ); Anderson, Madhu (DEQ); Datema, Maggie (DEQ)
Subject: RE: Briefing on Karegnondi Project/City of Flint

Just so everyone is on the same page:

Karegnondi Water Authority (KWA) has received a permit to construct an intake structure in Lake Huron from DEQ. If not already started, construction is planned for this fall.

I recall some discussion with Genesee County about using the raw water line to also provide water for agricultural purposes and possibly a utility in the area. Staff (Mike Prysby) is meeting with the county Wednesday to discuss big picture technical items on the project. We will be sure to remind the county at this meeting that the water withdrawal permit is restricted to drinking water use.

When we met with KWA and the city of Flint last spring, Flint had not yet decided whether to join the authority or not. We have not received word that a decision has been made. At one time, it appeared that DWSD would allow the city of Flint to blend DWSD water with Flint River and/or KWA drinking water; however we have heard third-hand that this may not be acceptable to DWSD. We have not seen anything in writing.

Liane J. Shekter Smith, P.E., Chief
Office of Drinking Water and Municipal Assistance
Michigan Department of Environmental Quality
517-373-9523

From: Wyant, Dan (DEQ)
Sent: Sunday, October 28, 2012 2:12 PM
To: Creagh, Keith (DNR); Clover Adams, Jamie (MDA); Sygo, Jim (DEQ)
Cc: Creal, William (DEQ); Shekter Smith, Liane (DEQ); Anderson, Madhu (DEQ); Datema, Maggie (DEQ)
Subject: FW: Briefing on Karegnondi Project/City of Flint

Andy Dillon is getting pulled into this issue. Andy asked the Governor at the Group Executive meeting if the administration has a position on this project. The Governor said he needs to know more. I think we have all been

approached on this project. Keith/Jamie, have you taken a position on this? Bill, am I correct in saying this will have effect on DWSD?

Dan Wyant, Director
Department of Environmental Quality
517-373-7917

From: Dillon, Andy (Treasury)
Sent: Wednesday, October 24, 2012 4:18 PM
To: Wyant, Dan (DEQ)
Subject: Fwd: Briefing on Karegnondi Project/City of Flint

Sent from my iPad

Begin forwarded message:

> **From:** "Fraser, Roger (Treasury)" <FraserR1@michigan.gov>
> **To:** "Dillon, Andy (Treasury)" <DillonA2@michigan.gov>, "Stibitz, Brom (Treasury)" <StibitzB@michigan.gov>, "Koryzno, Edward (Treasury)" <KoryznoE@michigan.gov>, "Mike Brown (mbrown@reinvestflint.org)" <mbrown@reinvestflint.org>
> **Cc:** "Hichez, Amy (Treasury)" <HichezA@michigan.gov>, "Cousineau, Sara (Treasury)" <CousineauS@michigan.gov>, "'mmurray@cityofflint.com'" <mmurray@cityofflint.com>
> **Subject: Briefing on Karegnondi Project/City of Flint**
>
> Discussion: Brief Treasury on pros and cons of Karegnondi project. There are concerns about cost and engineering constraints. Report for Flint in late 90's….suggested this project was not financially feasible.
>
> Attendees:
>
> State of Michigan
> Andy Dillon - Treasurer
> Brom Stibitz – Policy Advisor
> Roger Fraser – Deputy Treasurer
> Ed Koryzno – Office of Fiscal Responsibility
>
> City of Flint – (confirmed attendance with Maxine Murray)
> Mike Brown – City Administrator
> Jerry Ambrose, Finance Director
> Howard Croft, Director of Infrastructure & Development
>
> Genesee County – (confirmed attendance with Maxine Murray)
> Jeff Wright, Genesee County Drain Commissioner
> John OBrian, Chief Deputy Drain Commissioner
> Dave Jansen, Assistant Director, Genesee County Drain Commission
> Rick Freeman, Rowe Professional Service
>
> Tucker, Young, Jackson & Tull – (confirmed attendance with David Guastella)
> George Karmo, President
> David Guastella
> Awni Qaqish

Message

From: Busch, Stephen (DEQ) [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FD27547C9C1A403A86507DC7F5702EBA-BUSCH STEPHEN]
Sent: 12/6/2013 7:45:47 PM
To: Shekter Smith, Liane (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=f8157efaafd2404899c8ad3a4197c53a-Shekter Smith Liane]
Subject: RE: 2014 Communications planning

1,626,373 feet of water main!

Stephen Busch, P.E.

Lansing and Jackson District Supervisor

Office of Drinking Water and Municipal Assistance

MDEQ

517-643-2314

From: Shekter Smith, Liane (DEQ)
Sent: Friday, December 06, 2013 2:40 PM
To: Busch, Stephen (DEQ); Benzie, Richard (DEQ)
Subject: RE: 2014 Communications planning

Can we do this? Is the information tracked in a format that would allow what you are suggesting?

Liane J. Shekter Smith, P.E., Chief

Office of Drinking Water and Municipal Assistance

Michigan Department of Environmental Quality

*** Effective August 12, 2013 my new number will be (517) 284-6543*

From: Busch, Stephen (DEQ)
Sent: Friday, December 06, 2013 11:02 AM
To: Benzie, Richard (DEQ); Shekter Smith, Liane (DEQ)
Subject: RE: 2014 Communications planning

If we could quantify construction permitting for FY13, not just number of permits, but water main footage, tanks, wells, treatment facilities, it could help highlight our impact on economic development and the need for water service. If we also take into consideration our average permitting time, this would then also touch on our customer service effort.

Stephen Busch, P.E.

Lansing and Jackson District Supervisor

Office of Drinking Water and Municipal Assistance

MDEQ

517-643-2314

From: Benzie, Richard (DEQ)
Sent: Friday, December 06, 2013 10:48 AM
To: Arntz, Renee (DEQ); Berndt, Jason (DEQ); Brun Del Re, Paul (DEQ); Cook, Pat (DEQ); Fisher, Brant (DEQ); Howard, Brock (DEQ); Koenigsknecht, John (DEQ); Kukuk, Wayne (DEQ); Philip, Kris (DEQ); Shekter, Jean (DEQ); Schmidt, Scott (DEQ); McDermott, Kristine (DEQ)
Cc: Bloemker, Jon (DEQ); Busch, Stephen (DEQ); Donaldson, Kristina (DEQ); Lachance, Amy (DEQ); Thomas, Chuck (DEQ)
Subject: FW: 2014 Communications planning

We do good work.

One thing missing from the list below was Chuck's note that one of our accomplishments should be that no serious public health problems arose in the public water supply program in the past year. However, it is difficult to quantify "nothing bad happened."

From: Shekter Smith, Liane (DEQ)
Sent: Thursday, December 05, 2013 4:54 PM
To: Wurfel, Brad (DEQ)
Cc: Benzie, Richard (DEQ); Monosmith, Carrie (DEQ); Butler, Sonya (DEQ); Tetzlaff, Katherine (DEQ); Willard, Veronica

(DEQ)
Subject: RE: 2014 Communications planning: NEED YOUR HELP

ODWMA came up with a few suggestions:

Stormwater Asset Management & Wastewater (SAW) Program

DEQ was able to plan and develop the new SAW Grant & Loan Program. Enacting legislation was signed on January 2, 2013. Applications for funding were available in October 2013. SAW will award $97M in the first year.

Asset Management Training

Over 500 people attended Asset Management Training provided by the DEQ. The training was designed to provide relevant and timely information to drinking water and wastewater municipal systems.

The issuance of construction permits to the KWA for the installation of Lake Huron Intakes (south of Lexington) to provide water service to Genesee county and Flint.

Issue of construction permits to Bay County for the construction of a new WTP using the Saginaw-Midland Municipal Water System as a source (Lake Huron versus Saginaw Bay).

Successfully rolled out the new Stage II Disinfection By-Product Rule to District Systems, providing technical assistance in the form of draft sampling plans and personalized consultations to ensure that the new rule was implemented smoothly.

The Michigan Groundwater Management Tool (MGMT) is a software platform that was developed in a Joint Funding Agreement with Michigan State University. MGMT utilizes spatially compiled groundwater data and allows for the automated analysis of ground water flow. MGMT now allows us to provide delineations at no charge for the smaller community and non-community water systems. Most of these MGMT delineations closely parallel traditionally developed Wellhead Protection Areas (WHPA's), which cost an average $36,000. In fiscal year 2013, almost 1800 public water supplies had provisional delineations completed by the MGMT at no cost. The provisional delineations identify these WHPA's and are the first critical step in protecting drinking water sources.

A total of 2416 drinking water operators trained in DEQ or jointly sponsored training classes.

Liane J. Shekter Smith, P.E., Chief

Office of Drinking Water and Municipal Assistance

Michigan Department of Environmental Quality

*** Effective August 12, 2013 my new number will be (517) 284-6543*

From: Wurfel, Brad (DEQ)
Sent: Monday, November 25, 2013 5:30 PM
To: Creal, William (DEQ); Fish, Kim (DEQ); Erickson, Susan (DEQ); Wagner, Robert (DEQ); Browne, Elizabeth (DEQ); Shekter Smith, Liane (DEQ); Allan, Jon (DEQ); Fitch, Hal (DEQ); Feighner, Bryce (DEQ); Hellwig, Vince (DEQ); Fiedler, Lynn (DEQ); Kasprzak, Jim (DEQ); Epkey, Amy (DEQ)
Cc: Sellers, Fred (DEQ); Hollenbach, Heidi (DEQ); Roycraft, Phil (DEQ); Hare, Chris (DEQ); Hartz, Andrew (DEQ); Ethridge, Christopher (DEQ); Adelman, Mitch (DEQ); McClellan, Michael (DEQ); Casey, Steve (DEQ); Sweeney, Brian (DEQ); Thelen, Mary Beth (DEQ); Feuerstein, Heather (DEQ); Wyant, Dan (DEQ)
Subject: 2014 Communications planning: NEED YOUR HELP
Importance: High

Greetings, all. We're moving toward a great 2014, where we will be doing more strategic communication and impactful storytelling.

As we prepare the departmental communications plan, I need your input. The Director has tasked me with collecting 2013 Accomplishments from each of the divisions and districts.

I don't need a book. Half a dozen of your top accomplishments on the year would be very helpful. One liner with a few sentences.

I need these by Dec. 6, in preparation for an off-site planning meeting Dec. 9.

If you have questions, please get in touch with me directly. THANK YOU, and happy holidays.

Brad Wurfel

Communications Director

Michigan Department of Environmental Quality

PLEASE NOTE NEW DESK PHONE:

517-284-6713 – office

PPI – cell

From: Bloemker, Jon (DEQ)
Sent: Monday, February 24, 2014 8:14 AM
To: Shekter Smith, Liane (DEQ)
Cc: Hare, Chris (DEQ);London, Bob (DEQ)
Subject: FW: Update on Site Visit Dates

Liane:

It appears that the director will be coming to the Bay City office in June and/or September. Last couple of times, he did not want to see anything related to drinking water. If he has changed his mind, we will have the new Bay County plant under construction. Also, we should have the KWA raw water pump station, located just south of the village of Lexington, under construction.

Jon

From: Hare, Chris (DEQ)
Sent: Monday, February 24, 2014 7:28 AM
To: Barnard, Vicki (DEQ); Bloemker, Jon (DEQ); Jury, Michael (DEQ); Klann, Rhonda (DEQ); Rudolph, Brian (DEQ); Young, Michael (DEQ)
Subject: FW: Update on Site Visit Dates

Mary Beth has indicated that the Director would like to come to Saginaw Bay for his site visits on Friday, June 6th, and Friday or Monday Sept. 26, 29th. Do any of these dates cause any problems for you or your staff? Please let me know ASAP. Thanks

Chris Hare, District Supervisor
Air Quality Division
Dept. of Environmental Quality
Saginaw Bay District Office
U.P. District Office
989-894-6215
989-891-9237 fax

From: Thelen, Mary Beth (DEQ)
Sent: Sunday, February 23, 2014 8:06 PM
To: DEQ-District-Coordinators
Cc: Wyant, Dan (DEQ); Howes, Sarah (DEQ); Wurfel, Brad (DEQ); Feuerstein, Heather (DEQ); Datema, Maggie (DEQ); Thelen, Mary Beth (DEQ); Sygo, Jim (DEQ); Shaler, Karen (DEQ); Tommasulo, Karen (DEQ)
Subject: Update on Site Visit Dates

Dear District Coordinators:

Below is another proposed update for site visit dates in the coming months. Please review dates and let me know if you need a different date or if you want to swap with another district coordinator. I have also provided some extra dates if you need alternative dates. This has been tricky as other meetings keep popping up my way for consideration. Also, we may have other events/announcements/site visits per the different themes in the draft Communications Plan that Brad will review at Monday Morning's staff meeting. Mondays and Fridays were proposed as they are normally good days for legislators.

Kalamazoo - Fred, SW Michigan area on Wednesday, **Wednesday, April 9.** The Director will be in Cass, MI on April 8 and spending the night there.
Back up Date in case of Weather Conditions: **Friday, April 25**

Lansing - Mike, Monday, April 14, 9:00-5:30. Director can leave at 9:00 that morning.
Backup Date in case of Weather Conditions: Monday, May 12, starting at 9:00.

Jackson - Mitch, I have given you **Friday, May 2.**

SE MI - Andy, as you know we had to pull the March 12 afternoon for site visits. We may be doing another event that day afternoon instead. We will keep you posted.

SE MI – Andy, Friday, May 9. Does this work for you?
Also, Director will be in Livonia on Tuesday, June 10 for the Environmental Compliance Conference doing the welcome speech. We may be able to also do a couple of sites if it works out.
Also, I will be working with Rep. Talabi's office for a Detroit sites tour and will keep you posted on that date.

Grand Rapids, Heidi, Friday, May 16. Does this work for you?
Also, Director will be in GR on Thursday, June 5 for Environmental Compliance Conference doing the welcome speech. We may be able to also do a couple of sites if it works out.

Saginaw Bay Chris, Friday, June 6. Does this work for you?

Cadillac - Phil, per our conversation we are going with **Friday, June 20**, and then spend the night in Traverse City area and then Director travels to RAM Center on **Saturday, June 21** for MUCC Speech on Saturday, June 21.

Cadillac Phil, per our conversation, the Director has a speech at Boyne Mt the evening of **Thursday, June 26** then he can do site visits **on Friday, June 27**.

Gaylord - Phil, in addition, Director will be in the **Gaylord area on August 12**. He will want to visit with staff that day and I may arrange for him to stop at RRD's In Service Training on August 11 or 12.

UP - Steve, I have given you **July 30, 31, and August 1 for the UP**. Also, as you know the Director met with UP staff on **Friday, February 14**. As a heads up, we may need to slightly alter the UP dates but I need to talk with the Director further on this as an ECOS meeting has now popped up in Washington DC on July 31. Stay tune....

Extra Available Date: Monday, June 23, starting at 9:00
Extra Available Date: Monday, June 30, starting at 9:00
Note: I do have some Monday afternoons available on the days of SMT meetings. May need some of these for "events".

Other dates for the second time around:

Jackson – Mitch – Monday, July 21 – Does this work for you?

Lansing and/or Grand Rapids – Mike and Heidi – Monday, August 18, leaving Lansing at 9:00. Or Friday, August 22. Do one of these work for you?

Saginaw - Chris - Friday, September 26 or Monday, September 29. Do one of these work for you? I do not have very many Mondays or Fridays in September for the Director.

SE Michigan, Andy, Friday, October 10 – Does this work for you?

Back up date in case needed this fall:
Monday, October 13

Please note that I did not check your calendars tonight on some of these dates but I will work with you wherever we can. I hope that I gave all of you at least 2 opportunities. If not, please let me know. I will also work this week in getting these on the Outlook calendar.

I appreciate your patience as we work through this. We look forward to working with you. Sarah Howes and Brad Wurfel will be contacting you in the near future to start the arrangements. This will be an exciting year in Telling Our Story!

Thank you.

Mary Beth

Mary Beth Thelen
Management Assistant to Director Dan Wyant
Department of Environmental Quality
Constitution Hall, 6th Floor South
Phone: 517-284-6712 or 284-6700 (new numbers)
Fax: 517-241-7401
Thelenm2@michigan.gov

From: Thelen, Mary Beth (DEQ)
Sent: Tuesday, February 11, 2014 9:18 PM
To: DEQ-District-Coordinators
Cc: Wyant, Dan (DEQ); Howes, Sarah (DEQ); Wurfel, Brad (DEQ); Feuerstein, Heather (DEQ); Datema, Maggie (DEQ); Thelen, Mary Beth (DEQ); Tom Emmerich (temmerich@schupan.com)
Subject: Site Visit Dates

Dear District Coordinators,

I know you are all anxious to get started with site visit dates. I have given some of you dates but others I am still working on. I hope to get you final dates very soon.

Phil, I left you a voice mail today. Will Friday, June 20 work for Northern MI? Director will stay over and then head to the RAM Center on June 21 to speak to MUCC at their annual meeting.

Phil, the Director has a speech at Boyne Mt the evening of June 26 and would like to do site visits on Friday, June 27. Can you make that work?

Phil, in addition, Director will be in the Gaylord area on August 12. He will want to visit with staff that day and I may arrange for him to stop at RRD's In Service Training on August 11 or 12.

Mitch, I have given you Friday, May 2. (In addition, possibly one site visit the afternoon of Feb. 28)

Steve, I have given you July 30, 31, and August 1 for the UP. Also, as you know the Director will be in the UP on Friday, February 14 and that day is all set.

Andy, I've given you half day on March 12 since the Director will be in Detroit. There will be other dates coming.

Others: I will be in touch soon; hopefully yet this week. I have not forgotten you. I have several dates on hold that I will be able to offer.

I will be out of the office tomorrow, Feb. 12.

Thank you for your patience.

Mary Beth

Mary Beth Thelen
Management Assistant to Director Dan Wyant
Department of Environmental Quality
Constitution Hall, 6th Floor South
Phone: 517-284-6712 or 284-6700 (new numbers)
Fax: 517-241-7401
Thelenm2@michigan.gov

From: London, Bob (DEQ)
Sent: Thursday, November 13, 2014 4:20 PM
To: Mike Glowinski (michael.glowinski@unitedwater.com)
Cc: Bloemker, Jon (DEQ);Shekter Smith, Liane (DEQ)
Subject: FW: Discontinuation of Service

Mike,

I forwarded your question to Jon Bloemker. His response is shown below. He asked me to forward it to you. The bottom line is that there are no provisions in the SDWA or Administrative Rules that specifically authorize DEQ to require the City to continue water service. There is a more general provision in the Act that could be construed to grant us authority if we deemed the termination of water service to be a public health threat.

Bob London

From: Bloemker, Jon (DEQ)
Sent: Thursday, November 13, 2014 9:33 AM
To: London, Bob (DEQ)
Cc: Shekter Smith, Liane (DEQ)
Subject: RE: Discontinuation of Service

Bob:

There is nothing in Michigan Safe Drinking Water Act granting the DEQ the authority to mandate the city continue water service to the township. However, a liberal reading of §325.1015 (3) may be construed that the department may issue an emergency order with or without hearing to protect public health. If the situation degrades to the point where the city is about to turn the valve off to the township, the DEQ administration and/or politicians want to employ this clause or other legal remedies to protect public health. For the most part, the issues between the city and township are contractual and political disputes, which are best handled by the court system. A better solution would require both sides to be reasonable and reach a more equable temporary and preferably a permanent solution.

Please keep in mind the disputes between DWSD and the most of S.E. Michigan. Numerous threats were made by both sides. One of the tools used was the capacity assessment requirements. Even with the Flint and Genesee County dispute with DWSD, a temporary fix was reached between the county and Detroit. Unfortunately for the township, we would be asking them about their plans to provide a reliable source of water to their customers under our capacity development clauses.

I attempted to call Liane Shekter Smith yesterday about this issue and finally made contact a few minutes ago. She will bring our administration up to date.

Jon

From: London, Bob (DEQ)
Sent: Thursday, November 13, 2014 8:44 AM
To: Bloemker, Jon (DEQ)
Subject: FW: Discontinuation of Service

This is a political/sensitive issue. Also, you have more history with this system than I do. Could you respond to Mike or point me in the right direction?

Bob London

From: Glowinski, Michael [mailto:Michael.Glowinski@UnitedWater.com]
Sent: Thursday, November 13, 2014 8:37 AM
To: London, Bob (DEQ)
Subject: Discontinuation of Service

Hi Bob

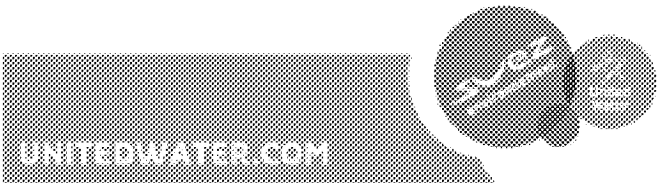
You are aware that the City of Alpena is involved in legal action against Alpena Township related to their refusal to pay the water and sewer rate increases. In the Township's Requests for Admissions, they assert that the City has voluntarily continued to provide water service to them even though they refuse to pay imposed rate increase. In the past we have had guidance from the MDEQ that water service cannot be discontinued to the Township as this would be a criminal offense. Please know that we would never advise the city to take such action which would clearly compromise public health.

The City Attorney has asked that I find out what statute or law gives the MDEQ the authority to take legal action against the City if service to Alpena Township was shut off. Any guidance that you could provide would be appreciated.

Thanks,

Mike Glowinski
Operations Manager

UNITED WATER
210 Harbor Drive
Alpena, MI 49707
Ph: 989-354-1401
Fax: 989-354-8472



Making the planet sustainable is the best job on Earth.
Please think twice before printing this e-mail.

Message

From: Shekter Smith, Liane (DEQ) [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=F8157EFAAFD2404899C8AD3A4197C53A-SHEKTER SMITH LIANE]
Sent: 9/16/2014 1:28:36 PM
To: Donaldson, Kristina (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c49d6884a56a4eb5851c1111e8123060-Donaldson Kristina]; Benzie, Richard (DEQ) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9ec5ca50fffe4e9392405565b506bc37-Benzie Richard]
Subject: FW: Authority Materials
Attachments: GLWA MOU Overview v3 EPR FINAL.pdf; MOU Filing with Court 9.9.2014.pdf; Articles Draft MOU 9.8.2014.pdf

You've probably already received these materials, but just in case...

-----Original Message-----
From: Creal, William (DEQ)
Sent: Thursday, September 11, 2014 8:58 AM
To: Shekter Smith, Liane (DEQ)
Subject: FW: Authority Materials

fyi

-----Original Message-----
From: Nicolette Bateson [mailto:bateson@dwsd.org]
Sent: Wednesday, September 10, 2014 10:11 PM
To: Creal, William (DEQ); Saxton, Thomas (Treasury)
Cc: Anderson, Madhu (DEQ); Barton, John (Treasury); Khoury, Valerie (TREASURY); Eric Rothstein; McCormick, Sue; Lee Donner; William Wolfson; Cheryl Porter; diebel
Subject: Authority Materials

Good Evening Bill and Tom,

Bill, I understand that you spoke with Sue McCormick today. At her request, I am forwarding informational material related to the regional authority memorandum of understanding that was signed yesterday.

Attached are the following items discussed/reviewed at today's Board of Water Commissioners workshop.

1) Today's BOWC Workshop Presentation summarizing key points of the MOU

2) Executed Memorandum of Understanding (MOU) filed with Bankruptcy Court yesterday.

3) DRAFT articles which are being presented to City Council and County Commissions for consideration to effectuate the Authority.

Please note that the MOU became public yesterday. The presentation and articles were released today. The MOU should be considered a "framework" document. If the appropriate bodies approve the articles (by October 10th), the next step would be drafting a lease agreement.

Copied on this email is Eric Rothstein who has provided technical support and assistance to Judge Cox and Rich Baird during the county mediation process. As we may have mentioned, there was a "gag order" in effect for the participants of the mediation. As we move forward, Eric may also assist with developing a work plan to address the long list of issues triggered by the MOU.

Thank you,

Nickie

Nicolette N. Bateson, CPA
Chief Financial Officer
Detroit Water & Sewerage Department
735 Randolph, Room 1608
Detroit, Michigan 48226
Office: (313)964-9225
Cell: PPI
Fax: (313) 964-9219

bateson@dwsd.org City of Detroit
Mike Duggan, Mayor

Great Lakes Water Authority
Memorandum of Understanding

SEPTEMBER 10, 2014

DWSD MEDIATION PROCESS

- Initial Authority discussions failed
  - Based on "monetizing" DWSD assets / revenues to benefit of City of Detroit General Fund creditors
- April 2014 Judge Cox resumes DWSD mediation
- Agreement that lease payment will "stay in the system" for City of Detroit local system or Detroit share of common costs
- Finance Working Group determination of feasibility of $50 million "control premium" in form of lease payment
- Memorandum of Understanding / Articles of Incorporation drafted for execution by Principals of counties and City of Detroit
  - Pending affirmation by respective local government governing boards
  - Multi-track implementation planning process pending

MEMORANDUM OF UNDERSTANDING OUTLINE

- Governance
- Lease
- Key Financial Terms
- O&M of Detroit and Other Local Systems
- Capital Improvements
- Treatment of Existing Contracts
- Evaluation and Transitional/Transactional Costs
- Management of the System for Benefit of Customers
- Termination of Authority or Withdrawal from Membership
- Conditions Precedent to Transfer
- Statement Regarding State Commitments

GLWA GOVERNANCE

Macomb County	Oakland County	City of Detroit	Wayne County	State of Michigan
1 Voting Board Member	1 Voting Board Member	2 Voting Board Members	1 Voting Board Member	1* Voting Board Member

- **Board appointed to 4-year terms serving "at will"**
  - Minimum education and experience requirements; compensation determined by Board
- **Supermajority (5/6) voting requirements for:**
  - Appointment of General Manager
  - Approval of rates and rate-setting protocols
  - Issuance of debt
  - Annual approval of a rolling 5-Year CIP
  - Adoption of a procurement policy
  - Approval of a lease of the Systems
  - Removal of any Board member for cause.

GLWA LEASE & KEY FINANCIAL TERMS

Lease of DWSD Assets

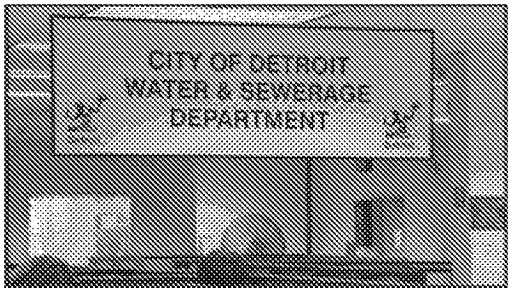
- $50 million per year payments a "common to all" revenue requirement
- Held in separate Authority fund used at City's discretion for:
  - Detroit local infrastructure improvements
  - Detroit share of common to all debt service or debt service for Detroit local improvement

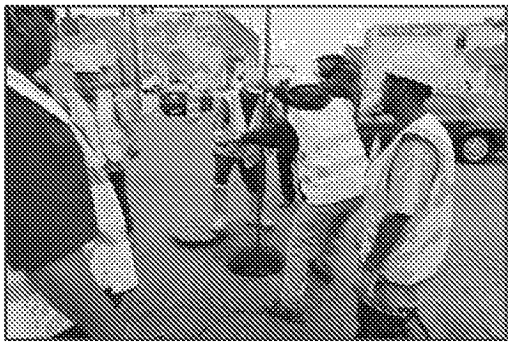
Key Financial Terms

- GLWA has no taxing power
- Incorporating municipalities / GLWA finances separate
- MFA available to Authority
- "Common to All" rate structure includes:
  - Lease payment ($50M)
  - $4.5M ratepayer assistance for all retail users in GLWA system
  - "Frozen" $26M recognitions of City ownership
- Open, transparent financial reporting
  - Pension liabilities limited per Bankruptcy, monitored
- **Assumes annual revenue requirement increases of no more than 4% for each system**

OPERATION AND MANAGEMENT OF DETROIT AND OTHER LOCAL SYSTEMS /

- City has right to continue to operate and retain employees for the local system in Detroit including to deliver
  - Capital improvements
  - Billing and collection system
  - City to implement water loss practices
- City may contract for selected operations & capital program delivery
  - With GLWA
  - With other service providers





CAPITAL IMPROVEMENTS / EXISTING CONTRACTS

Capital Improvements

- State agreement to facilitate access to State administered financing
- City of Detroit determines priorities for dispensing local system improvement funds

Existing Contracts

- The City will assign all customer (wholesale) contracts to GLWA
- GLWA a successor employer to DWSD. Collective Bargaining Agreements (CBAs) assured
- Existing DWSD vendor contracts assigned to GLWA

IMPLEMENTATION COSTS / MANAGEMENT OF THE REGIONAL SYSTEM

Implementation Costs

- State agrees to give priority consideration to a CGAP grant application to assist with payment of transactional costs
- Veolia to undertake Peer Review of System
  - No commitment to Veolia for contract operations
  - GLWA may adopt ideas or recommendations and may engage Veolia selectively

System Management

- GLWA to adopt regional perspective in water and sewer system management
  - Revise Master Planning
- Best efforts to optimize use of system capacities
  - Objective to become provider of choice in southeast Michigan
  - Consider incentives to utilize system capacities

TERMINATION, CONDITIONS PRECEDENT & STATE COMMITMENT

- **Termination**
  - Incorporating Municipalities may terminate but remain liable for all contractual obligations to GLWA. Governor appoints replacement member. City foregoes lease payment if it terminates.
- **Conditions Precedent to Transfer**
  - Incorporating Municipalities adopt MOU / Articles of Incorporation
  - GLWA and City have negotiated (1) lease agreement, (2) agreements relating to operation of Detroit local system and (3) transitional services agreement
  - GLWA and City of Detroit have secured necessary permits for systems
  - City receives approvals under PA 436 and Plan of Adjustment confirmed
  - *City receives bondholder and credit enhancer consent*
- **State Commitment**
  - Facilitate transaction, transfer of permits, and grant / loan funding

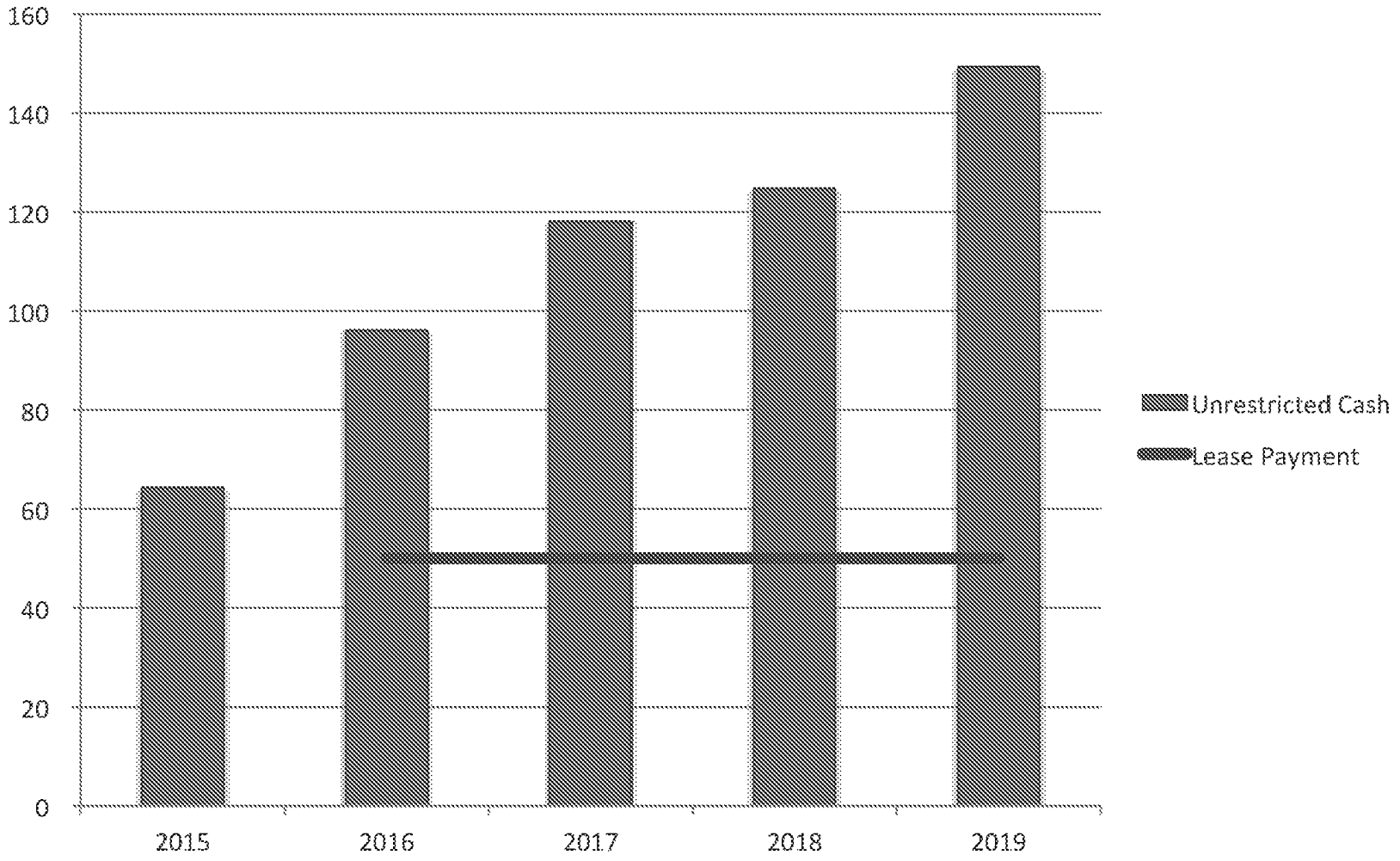
SUMMARY OF REVENUES AND REVENUE REQUIREMENTS *($ MILLIONS)* *

	2015	2016	2017	2018	2019
Revenues	898.1	925.9	953.4	967.4	996.5
less: O&M Expense	368.8	378.9	373.6	378.2	376.2
less: Debt Service	415.4	426.7	437.4	440.1	446.9
less: Fixed Non-Op Expense	49.5	24.3	24.3	24.3	24.3
Unrestricted Cash	64.4	96.0	118.1	124.8	149.2
less: Lease Payment	#N/A	50.0	50.0	50.0	50.0
Adjusted Unrestricted Cash	64.4	46.0	68.1	74.8	99.2

** All figures (prior to Lease Payment) reflect combined Water and Sewer figures as reflected in Series 2014 Bond Disclosure*

*** Note that the Lease Payment stays "within the System" and is used to fund capital improvements that would have been System revenue requirements in some form and at some point in time*

FORECASTED UNRESTRICTED CASH VS. LEASE PAYMENT *($ MILLIONS)* *



** Unrestricted Cash figures reflect combined Water and Sewer totals from Series 2014 Bond Disclosure*

SUMMARY & NEXT STEPS

UNITED STATES BANKRUPTCY COURT
EASTERN DISTRICT OF MICHIGAN
SOUTHERN DIVISION

In re	:	Chapter 9
CITY OF DETROIT, MICHIGAN,	:	Case No. 13-53846
Debtor.	:	Hon. Steven W. Rhodes

NOTICE OF EXECUTION OF FRAMEWORK FOR CREATING A WATER AND SEWER AUTHORITY

PLEASE TAKE NOTICE THAT:

1. On September 9, 2014, the City of Detroit (the "City");[1] the State of Michigan; the County of Oakland, Michigan; the County of Wayne, Michigan; and the County of Macomb, Michigan (collectively, the "Counties") entered into a Memorandum of Understanding Regarding the Formation of the Great Lakes Water Authority (the ("MOU"), which is attached hereto as Exhibit A. This is a framework for the creation of a regional water and sewer/stormwater authority to be called the Great Lakes Water Authority (the "GLWA"), pursuant to Act 233 of 1955 (Act 233), to operate, control and improve both the Water Supply

[1] Capitalized terms not otherwise defined herein have the meanings given to them in the Sixth Amended Plan for the Adjustment of Debts of the City of Detroit, dated August 20, 2014 [Docket No. 6908] (the "Plan").

and Sewage Disposal Systems owned by the City and presently operated by the Detroit Water and Sewerage Department ("DWSD").

2. The conditions precedent to the creation of the GLWA and the consummation of the transactions contemplated in the MOU include:

a. the negotiation and execution of definitive documentation;

b. the receipt of all governmental consents and approvals required for the transactions contemplated in the MOU;

c. the establishment of the GLWA and the adoption and approval or ratification of Articles of Incorporation for the GLWA;

d. the Board of the GLWA's adopting an ordinance or resolution addressing all matters for which an ordinance is required to permit the contemplated transaction and operation of the water and sewer systems by the GLWA;

e. the GLWA and the City's negotiating a lease, an agreement regarding the operation and management of the Detroit local system effective on the transfer date and an agreement relating to the provision of services on a transitional basis by the City to the GLWA;

f. the GLWA's securing all necessary permits and other approvals to operate the water and sewer systems;

g. the receipt by the City of all approvals required under PA 436 of 2012;

h. the City having a confirmed plan of adjustment that contemplates the creation of the Authority; and

i. the receipt by the City of the consent to the transfer of the water and sewer systems to the GLWA from the credit enhancers and a majority of the holders of DWSD bonds.

3. The contemplated GLWA transaction would constitute a Qualifying DWSD Transaction; however, if the GLWA is formed and the conditions set forth in paragraph 2 are satisfied, the City's General Fund will not receive any proceeds therefrom.

4. Upon execution of the MOU, the Counties have agreed that their objections to confirmation of the Plan are withdrawn with prejudice.

Dated: September 9, 2014

Respectfully submitted,

/s/ Heather Lennox

David G. Heiman (OH 0038271)
Heather Lennox (OH 0059649)
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ATTORNEYS FOR THE CITY

EXHIBIT A

MEMORANDUM OF UNDERSTANDING
REGARDING THE FORMATION OF THE GREAT LAKES WATER AUTHORITY

The following memorandum of understanding (MOU) represents a framework for the establishment by the City of Detroit, Oakland County, Wayne County and Macomb County (each, an "Incorporating Municipality") of a regional water and sewer/stormwater authority to be called the Great Lakes Water Authority, pursuant to Act 233 of 1955 (Act 233), to operate, control, and improve both the Water Supply and Sewage Disposal Systems (Systems) owned by the City and presently operated by the Detroit Water and Sewerage Department (DWSD). This framework describes terms to be incorporated into articles of incorporation which shall be presented to the City and the legislative bodies of the Counties as soon as practicable, for approval or disapproval no later than October 10, 2014. The Authority shall be established upon adoption of the articles of incorporation by the City and the legislative body of at least one County, and the publication and filing of the articles of incorporation as provided in Act 233.

GOVERNANCE

The Board of the Authority shall be comprised of six voting members:

- Two members appointed by the Mayor of the City
- One member appointed by each County which adopts the articles of incorporation
- One member resident of a service area outside the territories of the three Counties appointed by the Governor

In the event that Wayne, Oakland or Macomb County does not adopt the articles of incorporation the Governor shall also appoint a Board member resident in the service area within that County. Board members shall have four year, staggered terms, with no more than two members' terms expiring in same year. Each Board member shall serve at the will of and may be removed by the appointing authority.

The Board shall act by simple majority vote, except that a supermajority (5/6) shall be required for:

- Appointment of the Authority's general manager/executive director
- Approval of rates, fees and charges and rate-setting protocols
- Issuance of debt, which shall be revenue-backed debt
- Approval of annual operating budget
- Annual approval of a rolling Five Year Capital Improvement Plan

- Adoption of a procurement policy, which will include the terms on which any aspect of the operations of either System may be privatized
- Approval of a Lease of the Systems from the City
- Removal of any Board member for cause.

All Board members shall possess minimum education and professional experience standards, to wit: at least seven years of experience in a regulated industry, a utility, engineering, finance, accounting or law.

Compensation of Board members shall be determined by a supermajority vote of the Authority Board, and shall be consistent with the practices for other large public utilities.

LEASE

The City shall lease the Systems (except the Detroit local system infrastructure) to the Authority for an initial term of 40 years, extendable to at least match the term of any outstanding bonds of the Authority. Consideration for the Lease shall be the $50 million common-to-all charge per year (not subject to further Board approval) to be held by the Authority in the funds described below and used at the City's direction and discretion to fund any or a combination of the following: Detroit local system infrastructure improvements, debt service associated with such improvements or the City's share of the cost of common-to-all improvements. The parties agree that no Lease shall be entered into if the payment in consideration for the Lease would cause the Systems to be unable to provide a reasonable level of service, satisfy its debt obligations and adhere to the rate structure set forth in the Plan of Adjustment. Initially, 45% of the charge shall be allocated to Water Supply System customers and 55% shall be allocated to Sewage Disposal System customers, such allocation to be subject to review and adjustment by the Board every three to five years consistent with the method of allocation of other common-to-all charges between the two Systems, provided, that no such adjustment shall reduce the availability of such revenues to pay debt service on bonds issued to finance Detroit local system improvements below the level in anticipation of which such bonds were issued.

KEY FINANCIAL TERMS

The Authority shall have no taxing power.

A financial obligation of the Authority shall be the financial obligation of the Authority only and not a financial obligation of an Incorporating Municipality or a constituent municipality except to the extent a municipality which is a wholesale customer may have liability in that capacity.

The State shall allow the Authority to use the Michigan Finance Authority to issue bonds on behalf of the Authority.

The Authority's common-to-all rate structure shall include:

- The $50 million annual charge to be deposited with the Authority and applied, at the City's direction and discretion, (i) in the case of funds to be used for pay-as-you-go Detroit local system improvements, in a separate subaccount within the Authority's Construction Fund or Extraordinary Repair and Replacement Reserve Fund, as appropriate, for the related System, to be dedicated to Detroit local system infrastructure improvements; and/or (ii) in the case of funds to be applied to the payment of debt service on Authority bonds (either debt service allocable to Detroit's share of the cost of common-to-all capital improvements or to bonds issued by the Authority to finance Detroit local system improvements) to the appropriate Debt Service Account.
- $4.5 million in 2014/15 and an amount equal to .5% of base budgeted operating revenues per year thereafter, for deposit to an independently-administered Water Residential Assistance Program fund to provide assistance to indigent residential customers throughout the Systems who agree to take appropriate actions to reduce consumption.

The existing recognitions of the City's ownership and system support in the water and sewer system rate structures (return on equity for water and per settlement for sewer) will be frozen and continue at $26.216 million per year [$20,700,000 as the rate of return for the water system and $5,516,000 pursuant to settlements for the sewer system] during the term of the Authority.

The transfer of the Systems to the Authority shall not cause impairment of tax treatment of outstanding DWSD bonds. New debt and refunding bonds shall be issued pursuant to the Revenue Bond Act (PA 94 of 1933) or other statutory authority.

The MOU is predicated in part upon the assumption that the Bankruptcy Court will approve the terms of the City's Sixth Amended Plan of Adjustment (as it may be modified, supplemented or amended) (the "Plan of Adjustment") allocating liability to DWSD for funding the City's frozen General Retirement System (GRS) pension plan (the Pension Liability) and the City's settlement of claims associated with the swaps for its Pension Obligation Certificates, and for payments relating to debt service on DWSD's allocated share of liability on the New B Notes attributable to the GRS VEBA and Pension Obligation Certificates. The financial analysis

undertaken by the parties assumes that the Authority will issue bonds to prepay its Pension Liability or identify other savings should such financing prove to be infeasible and the Pension Liability is paid over the schedule provided in the Plan. Within 90 days after the establishment of the Authority, the Authority, working with the City and the Investment Committee of the GRS (Investment Committee) shall develop a process to reach agreement on the dollar amount which the Authority would need to deposit with the GRS as a one-time payment in lieu of the Pension Liability payments payable at the rate of $42.9 million per year (not including $2.5 million in annual administrative expenses or the one-time restructuring cost payment of $20 million in 2014/15) over nine years pursuant to the Plan of Adjustment. Notwithstanding the foregoing, nothing in this MOU modifies, or purports to modify, the obligations of DWSD as set forth in the Plan of Adjustment, and the Authority shall assume and comply with such obligations.

The Investment Committee established for the GRS pursuant to Section 13g of the Public Employee Retirement System Investment Act (MCL 38.1133g) (PERSIA) is obligated to receive and approve summary annual report, a public document prepared pursuant to Section 13(3) of PERSIA. It is the expectation of the parties that the Investment Committee will provide the Authority with a copy of each summary annual report prior to the formal approval of such report. The parties understand that the summary annual report will continue to (a) track DWSD retirees, deferred retirees, and active vested members, pension benefits paid and actuarial accrued liabilities separately from other GRS members and (b) shall allocate to the DWSD/Authority an undivided interest in GRS administrative expenses and in each investment and class of investment in the GRS, to enable the Authority to verify the appropriateness of allocations to the Authority. For each fiscal year commencing from and after July 1, 2023, on its normal schedule for determining the current fiscal year's contributions to GRS, GRS shall determine whether DWSD's/Authority's unfunded accrued actuarial liability on a market value of assets basis for its component of the frozen GRS plan ("DWSD GRS Component II UAAL") is fully funded at 100%. If DWSD GRS Component II UAAL is funded at 100% or more, no contributions for the current fiscal year will be required from the Authority. If DWSD GRS Component II UAAL is less than 100% funded, then the Authority shall make such level annual contributions to GRS as necessary to amortize such shortfall over 5 years at an interest rate equal to the then current GRS investment return assumption.

Each System, as a whole, is assumed to experience revenue requirement increases of not more than 4% for each of the first ten years under Authority management. The rates and

percentage increases for different customers may vary in order to meet their specific revenue requirements.

The Authority shall commit to and adopt reporting practices which provide transparency in system operations and management. By Fiscal Year 2017 the Authority shall adopt a two year operating budget.

The City and each wholesale customer shall retain complete responsibility for all obligations associated with their individual revenue requirements.

The Authority shall make every effort to employ individuals and contract with vendors from throughout the service areas.

OPERATION AND MANAGEMENT OF DETROIT AND OTHER LOCAL SYSTEMS

The City shall have the right to continue to operate and retain employees to operate, maintain, repair and improve the local system in Detroit, including capital improvements and repairs, and billing and collection services and any other services or may contract with the Authority or another third party for all or a portion of those or other functions. The City shall continue to develop the capital improvement program for the Detroit local system infrastructure and may elect to administer the maintenance and improvements to that system, and in any event, will direct the expenditure of the funds dedicated for those purposes. Billing and collection shall be managed such that the statutory lien on net revenues created by the Revenue Bond Act applies to payments received by the Authority or its trustee from Detroit local system customers and the Authority will have the power to enforce the collection of such payments. The Authority will finance Detroit local system improvements through the issuance of Authority bonds under the Revenue Bond Act, with the debt service to be allocated solely to Detroit local system ratepayers. City local rates may fund the Rate Stabilization Fund, contemplated by prior rate settlement agreements but as yet unfunded, from a portion of improved local collections until the accumulated balance is sufficient to stabilize rates and reduce delinquencies. The City will adopt metering or other practical methods of measuring water loss in the Detroit local system.

The Authority may provide services and issue bonds to finance improvements for other local systems within its service areas on the same basis.

CAPITAL IMPROVEMENTS

The State agrees to identify ways to facilitate access and eligibility for the Authority to the Clean Water State Revolving Fund and Drinking Water State Revolving Fund (collectively, SRF), grants and other sources of State funding to mitigate the cost of improvements for the

Systems and local system improvements, particularly for the areas of greatest health and environmental need, and commits to using its best efforts to facilitate such funding for the Authority. The City will determine priorities for capital improvements to the Detroit local system.

TREATMENT OF EXISTING CONTRACTS

Unless otherwise agreed by the parties, the City will assign all customer contracts to the Authority, which shall assume the same.

The Authority shall be a successor employer to DWSD for those employees transferring to the Authority, and will assume and honor DWSD's collective bargaining agreements for those employees.

Existing DWSD vendor contracts shall be assigned to and assumed by the Authority.

EVALUATION AND TRANSITIONAL/TRANSACTIONAL COSTS

The State's Competitive Grant Assistance Program (CGAP) provides incentive-based grants to stimulate smaller, more efficient government and encourage mergers, consolidations, and cooperation between two or more qualified jurisdictions. The program is focused on stimulating projects between two or more qualified jurisdictions that are creating new mergers, consolidations, and/or cooperative efforts/collaborations of existing services.

The State agrees to give priority consideration to a grant from any of the parties to this MOU to assist with payment of transactional costs associated with establishing and transferring the Systems to the Authority.

The City shall retain Veolia to undertake an assessment of the Systems and make recommendations to assist the parties in evaluating operating models, capital requirements and savings opportunities, with no commitment by DWSD, the City or the Authority to enter into a contract with Veolia to operate, manage or maintain the Systems. The Authority will be free to adopt ideas generated by such assessment and recommendations without any further obligation to Veolia. In the event the Authority is formed and a CGAP grant is received, sufficient of such funds shall be used to reimburse the City for the cost of the Veolia assessment.

MANAGEMENT OF THE SYSTEMS FOR BENEFIT OF CUSTOMERS

It is the parties' expectation that the Authority will use its best efforts to manage the Systems for the benefit of all Authority customers. Upon commencement of operations the Authority will review and revise as necessary the DWSD water and wastewater Master Plans. In reviewing those plans the Authority will use its best efforts to optimize the capacity of the water supply system and optimize and maximize the capacity of the wastewater system to treat flow so that operational economies of scale may be realized. The Board will take into account

the needs of the region in planning and operating the water and wastewater systems and will strive to become the provider of choice for southeastern Michigan and consider incentives for customers to utilize the system for their water supply needs and wastewater flow.

TERMINATION OF AUTHORITY OR WITHDRAWAL FROM MEMBERSHIP

Any withdrawing Incorporating Municipality shall remain liable for any contractual obligations it has to the Authority. Upon withdrawal of an Incorporating Municipality, the Governor shall thereafter appoint the member of the Board previously appointed by the withdrawing Incorporating Municipality; such member shall be a resident of the service area previously represented by the withdrawing Incorporating Municipality.

The City will forego its consideration for the Lease if it withdraws from the Authority.

CONDITIONS PRECEDENT TO TRANSFER

This MOU is subject to the negotiation and execution of definitive documentation and the receipt of all required consents and approvals required for the transactions contemplated herein, including, but not limited to, the following:

The Incorporating Municipalities shall have established the Authority and the Board will have adopted an ordinance or resolution addressing all matters for which an ordinance is required to permit the contemplated transaction and operation of the Systems by the Authority.

The Authority and the City shall have negotiated a Lease, an agreement regarding the operation and management of the Detroit local system effective on the transfer date, and an agreement relating to the provision of services on a transitional basis by the City to the Authority.

The Authority shall have secured all necessary permits and other approvals to operate the Systems.

The City will have received approvals required under PA 436 of 2012 and will have a confirmed plan of adjustment that contemplates the creation of the Authority.

The City shall have secured the consent to the transfer of the Systems to a regional authority from the credit enhancers and a majority of the holders of DWSD bonds.

Tender Financing and Creditor Settlement Terms regarding Transfer

The Authority shall, in connection with its assumption of or substitution for outstanding DWSD bonds, covenant to:

- maintain compliance with DWSD's three-part combined coverage requirements of 1.20, 1.10 and 1.00 for senior lien, second lien, and SRF junior lien

indebtedness, respectively, for both additional bonds test and rate covenant purposes; and

- maintain, pursuant to such ordinances or indentures, a flow of funds consistent with Act 94, in the following order of priority required by Act 94: (x) operation and maintenance expenses of the related System, and (y) debt service on all bonds payable from net revenues of the related System before making deposits to other accounts in the flow of funds; and
- comply with the provisions of the Bankruptcy Court Order dated August 25, 2014 approving the DWSD tender and new money financing, including but not limited to paragraph 24 thereof [requiring the method of making the pension payments to the frozen defined GRS plan].

The Authority shall also have(I) received (a) an opinion of nationally recognized bond counsel to the effect that the transfer of the Systems to the Authority and assumption of the outstanding DWSD bonds, in and of themselves, will not materially impair the tax-exempt status of the interest on such bonds; and (b) confirmation from one or more nationally recognized rating agencies that the bonds, after assumption or substitution by the Authority are rated not less than the then-current rating on the bonds; (II) demonstrated the ability of each System, under the additional bonds test described above, to issue at least One Dollar of additional indebtedness at each level of priority; and (III) provide in the Lease or other relevant agreement that any lease or other payment by the Authority to the City's general fund or other fund at the City (other than payments for customary services historically provided by the City to DWSD that constitute operation and maintenance expenses under the related DWSD Ordinance and payments in respect of pension obligations to be paid as operation and maintenance expense consistent with the Bankruptcy Court Order referred to above) shall be subordinated to all payments on the DWSD bonds assumed by the Authority.

STATEMENT REGARDING STATE COMMITMENTS

In agreeing to the terms of this MOU, the Representatives understand that the State will undertake all efforts, subject to all legal requirements, to facilitate the transaction as relates to consideration of permit matters (including a transfer of the current NPDES permit and associated Administrative Consent Order without material change to existing requirements), and applications for grant or loan funding. The State agrees to make such efforts.

PLAN OBJECTIONS

Upon execution of the MOU the Counties represented by the signatories to this MOU which have filed objections to the Plan of Adjustment shall each immediately withdraw with prejudice their objections to the Confirmation of the Plan of Adjustment.

COUNTERPARTS

This MOU may be executed in counterparts.

EXECUTION BY REPRESENTATIVES

CITY OF DETROIT

Kevyn D. Orr
Emergency Manager

Mike Duggan
Mayor

WAYNE COUNTY

Robert A. Ficano
County Executive

OAKLAND COUNTY

L. Brooks Patterson
County Executive

MACOMB COUNTY

Mark A. Hackel
County Executive

STATE OF MICHIGAN

Rick Snyder
Governor
September 9, 2014

CERTIFICATE OF SERVICE

I, Heather Lennox, certify that the foregoing Notice of Execution of Framework for Creating a Water and Sewer Authority was filed and served via the Court's electronic case filing and noticing system on this 9th day of September, 2014.

/s/ Heather Lennox
Heather Lennox

From: Shekter Smith, Liane (DEQ)
Sent: Thursday, January 22, 2015 3:29 PM
To: Busch, Stephen (DEQ)
Subject: Accepted: Legionella

From: Tomlinson, Matt (DNRE)
Sent: Tuesday, January 04, 2011 4:02 PM
To: Babcock, Robert (DEQ);Benzie, Richard (DEQ);Bolf, Michael (DEQ)
Cc: Holmquist, Dan (DNRE);Lack, Bruce (DEQ)
Subject: 1/12/11 DW Advisory Board Meeting
Attachments: Advisory Board Agenda - January2011.doc; ABE Conflict of Interest policy.doc; Technical & Managerial -current.doc

Hey Guys,

Attached are documents pertaining to the upcoming Advisory Board meeting on 1/12/11 at 9:30 AM. This meeting is a 2 part meeting. The morning will consist of a joint Board meeting with the WW and DW Boards. We'll break for lunch, and continue in the afternoon with the DW meeting which will cover course reviews for approval and the identified items. There may be some additions to the agenda between now and the 12th. The meeting is in Constitution Hall in the Art Iverson room on 3 south. We do have our re-appointment and new appointment letters in place and are good to go.

With Eric gone I've taken the initiative to lead the meeting where appropriate. Dan, Bob, and Laura will also be in attendance and have items to add as well. If you have any questions, or items you would like to add, feel free to contact me.

Matt Tomlinson
MDNRE
Environmental Resource Management Division
Drinking Water and Environmental Health Section - OTCU
PO Box 30241
Lansing MI 48909-7741

(517) 241-8913 - Voice
(517) 241-0325 - Fax
tomlinsonm@michigan.gov

Check your drinking water CEC's online at http://www.michigan.gov/deqoperatortraining

STATE OF MICHIGAN
DEPARTMENT OF NATURAL RESOURCES & ENVIRONMENT
LANSING

JENNIFER M. GRANHOLM
GOVERNOR

REBECCA A. HUMPHRIES
DIRECTOR

December 28, 2010

TO: Drinking Water & Municipal Wastewater Examiner/Certification Boards

FROM: Matt Tomlinson, EQA
Operator Training & Certification Unit
Environmental Resource Management Division
517-241-8913

SUBJECT: Joint Advisory Board Meeting
9:30 AM, January 12, 2011
Constitution Hall
525 W. Allegan, Lansing

Below is the agenda for the joint meeting of these Boards to discuss several items we have in common. The joint meeting will start at 9:30 AM and run through lunch. After lunch, we will split up so that each Board will have time to review course approvals and discuss other items, as necessary. Please remember to bring your parking ticket so we can validate your parking. If you have additional agenda items, or will be unable to attend this meeting, please notify me at tomlinsonm@michigan.gov or at 517-241-8913

1. Overview of joint meeting; logistics and introductions
2. OTCU staff changes/retirements, DNRE split
3. Guidance on Continuing Education Training Course Approvals(attached)
4. Definitions for technical, managerial and other courses (attached)
5. First Aid/CPR courses not eligible for CECs, sunset date 12/31/11 for remaining courses not expiring 12/31/10 (Tomlinson)
6. Course category association DW vs. WW (Tomlinson)
7. 360Water appeal of course suspension (Tomlinson)
8. Time permitting, any other topics of joint interest (All)

Following lunch, we will conclude joint meeting and continue with the Drinking Water Board meeting.

Drinking Water Advisory Board Afternoon Agenda

1. Nomination (or re-nomination) of ABE Chair
2. Approval of minutes from the October 29, 2010 meeting (ABE Chair)
3. Status of Advisory Board re-appointments (Tomlinson)
4. Discussion on Technical, Managerial & Other course determinations (Tomlinson)
5. Draft document - Guidance on Continuing Education Training Course Approvals
6. Review of pending CEC applications (Tomlinson)
7. Revised CECs for "3-day" courses, agenda modification/ internal policy - update (Chuhran)
8. Exam supplemental document discussion (Chuhran
9. Future meeting dates – April 28, 2011 and October 21, 2011

DEQ BOARD(S) OF EXAMINERS/CERTIFICATION POLICY ON CONFLICTS OF INTEREST

The DEQ recognizes that members of a Board of Examiners/Certification (Board) are made up of individuals that may potentially have a Conflict of Interest with a particular issue or policy that comes before the Board. Such **potential conflicts** may include, but are not limited to the following:

1. When the Board Member or a Family Member has a direct financial interest in whether or not a training program is approved for continuing education credit.

2. When the Board Member or a Family Member would directly and uniquely benefit from the issue or policy being considered.

3. When the Board Member's employer, employee or co-worker would directly and uniquely benefit from the issue or policy being considered.

4. When the Board Member is representing a business, organization, association, etc. that would directly and uniquely benefit from the issue or policy being considered.

EXPECTATIONS

- Prior to Board action on a training program, issue or policy, a Board Member believing they may have a Conflict of Interest and who is in attendance at the meeting shall disclose all facts material to the potential Conflict of Interest. Such disclosure shall be reflected in the minutes of the meeting.

- A Board Member who has a Conflict of Interest shall not participate in the Board's discussion of the matter except to disclose material facts and to respond to questions. Such person shall not attempt to exert his or her personal influence with respect to the matter, either at or outside the meeting and will be treated as any non-board member present at the meeting.

- A Board Member who has a Conflict of Interest with respect to a training program, issue or policy that will be voted on at a meeting shall not be counted in determining the presence of a quorum for purposes of the vote. The person having a Conflict of Interest shall not vote on the training program, issue or policy and may choose to not be present in the meeting room when the vote is taken. Such person's ineligibility to vote shall be reflected in the minutes of the meeting.

DEFINITIONS

Conflict of Interest - is any circumstance described by or similar to examples 1-4 on this page.

Board Member - is any person serving as a member of the Drinking Water Advisory Board of Examiners, the Municipal Wastewater Board of Certification and/or the Industrial Wastewater Board of Examiners.

Family Member – includes, but is not limited to a spouse, domestic partner, parent, child or spouse of a child, brother, sister, or spouse of a brother or sister of a Board Member.

Approved: 12/10/08 - Industrial WW Board; 01/14/09 - Municipal WW Board; 04/24/09 – Drinking Water Board

GUIDANCE ON CONTINUING EDUCATION
TRAINING COURSE CATEGORIES

To be approved, an Education and Training Program must relate to the duties, responsibilities, operation, maintenance or supervision of a drinking water system, a sewerage system or both. The Advisory Board of Examiners (for Drinking Water) and the Board of Certification (for Wastewater) each evaluate and either approves or disapproves continuing education training and determines the continuing education training hour value. Some courses that have applicability across a broad range of industries may not be approved for continuing education credit. Each Board categorizes approved training as "Technical", "Managerial" or "Other". The following definitions and examples of training courses and program subjects provide guidance regarding these categories:

- **Technical**: Training that relates to skills and knowledge of the science, engineering or specific applications of operation and/or maintenance of a system. Technical training may include, but is not limited to applied math, applied hydraulics, chemistry; the installation, maintenance and repair of system components; process control, electricity and electrical maintenance; SCADA and control systems.
- **Managerial**: Training in the skills and knowledge relevant to the supervision or administration of a system. Managerial training may include, but is not limited to public relations, employee relations, organizational skills, budgeting and rate setting, asset management, risk assessment and management, written and verbal communications, regulation and reporting requirements.
- **Other**: Certain important and beneficial courses are not determined to be technical or managerial. Such training may include, but is not limited to computer applications, safety, exhibits and trade shows, organizational memberships, and training events with a changing agenda that are not specifically technical or managerial in nature.

Many employers/utilities offer on-the-job training so that employees will perform satisfactorily, as required by the job position. Training programs deemed to be on-the-job training will not be approved for continuing education credits.

Approved: 04/23/10 – Drinking Water Board; Approved: 04/30/10 – Municipal Wastewater Board

From: Dettweiler, Dan (DNRE)
Sent: Wednesday, January 05, 2011 2:43 PM
To: Benzie, Richard (DEQ)
Subject: RE: Final draft DW Administrators letter to EPA

Thanks for copying me, Richard. I would like to stay abreast the progress of this.

DD

From: Benzie, Richard (DNRE)
Sent: Wednesday, January 05, 2011 1:04 PM
To: Shekter Smith, Liane (DNRE)
Cc: Howard, Brock (DNRE); Dettweiler, Dan (DNRE); Jones, Lynda (DNRE); Monosmith, Carrie (DNRE)
Subject: FW: Final draft DW Administrators letter to EPA
Importance: High

Liane,

The attached document is the collaborative effort of the Region 5 States to develop a single set of comments on the proposed revisions to the Total Coliform Rule. Richard Overmyer, Brock Howard and I participated in a number of conference calls and email dialogues to arrive at this final draft. Rich Overmyer had the most input, but Brock and I agree with the final comments.

The intent is to have all of the State Drinking Water Administrators sign the document. Currently, they listed my name because they didn't know who else to list, but I think it should be your signature block. If you agree, can we provide an electronic signature block and Michigan DNRE logo for this letter to EPA?

Once I have your answer, I will reply to Minnesota and answer the other questions. If you have questions or want to meet to discuss further, let me know.

Richard

From: Smith, Gerald (MDH) [mailto:Gerald.Smith@state.mn.us]
Sent: Wednesday, January 05, 2011 10:22 AM
To: Jonas, Jill D - DNR; Beth Messer; Kirk Leifheit; Mike Baker; 'pcarroll@idem.in.gov'; 'Eric.Portz@illinois.gov'; 'rick.cobb@illinois.gov'; Benzie, Richard (DNRE); Howard, Brock (DNRE); Monosmith, Carrie (DNRE); Overmyer, Rich (DNRE); Ellingboe, Randy (MDH); Smude, Robert (MDH); Boushon, Lee H - DNR
Subject: FInal draft DW Administrators letter to EPA
Importance: High

Good morning all

Attached is the final draft (yeah and a toss of confetti). The letter still needs formatting and that task has been given to our support staff. The track change is still on in case there are still changes to be made. Can everyone please send me their signature block. If you have already done so can you please resend as a couple of my archive email files were lost and I have someone trying to recover them. It will be faster if you resend the signature block.

Do we want the letter to go out with out a letterhead? One option would be to paste the logo from each state at the top of the letter.

Do the directors want to route the letter for signature or use electronic signatures?

Are we okay to send an advance copy of the letter to Region 5?

Thanks

Jerry

From: Jonas, Jill D - DNR [mailto:Jill.Jonas@Wisconsin.gov]
Sent: Monday, January 03, 2011 1:16 PM
To: Smith, Gerald (MDH); Beth Messer; Kirk Leifheit; Mike Baker; 'pcarroll@idem.in.gov'; 'Eric.Portz@illinois.gov'; 'rick.cobb@illinois.gov'; Richard (DNRE) Benzie; Brock (DNRE) Howard; Carrie (DNRE) Monosmith; Rich (DNRE) Overmyer; Ellingboe, Randy (MDH); Smude, Robert (MDH); Boushon, Lee H - DNR
Subject: RE: Recap REduxp

Hi All,
Yes, we are okay with dropping the 2nd sentence in #2 as suggested by Beth.
Looking forward to seeing the final draft.
Happy 2011 everyone.
Jill

Jill D. Jonas, Director
Bureau of Drinking Water and Groundwater
Wisconsin Department of Natural Resources
101 South Webster, PO Box 7921
Madison, WI 53707-7921
phone: (608) 267-7545
fax: (608) 267-7650
jill.jonas@wisconsin.gov

From: Smith, Gerald (MDH) [mailto:Gerald.Smith@state.mn.us]
Sent: Sunday, January 02, 2011 12:43 PM
To: Beth Messer; Kirk Leifheit; Mike Baker; 'pcarroll@idem.in.gov'; 'Eric.Portz@illinois.gov'; 'rick.cobb@illinois.gov'; Richard (DNRE) Benzie; Brock (DNRE) Howard; Carrie (DNRE) Monosmith; Rich (DNRE) Overmyer; Ellingboe, Randy (MDH); Smude, Robert (MDH); Jonas, Jill D - DNR; Boushon, Lee H - DNR
Subject: RE: Recap REduxp

Happy New everyone

I have changed the letter to incorporate Beth's comment in paragraph 3.

Regarding the Section 2 comment, I need to defer to Jill and Lee as this was language from their December 15 and 16 email attachments. I am good with dropping from the second bullet "What is needed is a compliance response path for total coliform positives that focuses on GWR responses for the initial confirmed total coliform positive and has an escalated response for additional confirmed total coliform positive results" Jill/Lee are you okay with dropping this sentence? If not can you please address Beth/Mike's questions.

I suggest keeping "state actions" in the first bullet under Section 2.

I had not thought about this until Jill sent me her electronic signature, I am wondering do all the drinking water administrators want to sign the letter electronically or route the letter and sign?

If there are no further comments I will send the final draft to everyone Wednesday for one last review and okay.

Thanks

Jerry

From: Beth Messer [mailto:Beth.Messer@epa.state.oh.us]
Sent: Wednesday, December 29, 2010 7:31 AM
To: Kirk Leifheit; Mike Baker; 'pcarroll@idem.in.gov'; 'Eric.Portz@illinois.gov'; 'rick.cobb@illinois.gov'; Richard (DNRE) Benzie; Brock (DNRE) Howard; Carrie (DNRE) Monosmith; Rich (DNRE) Overmyer; Smith, Gerald (MDH); Ellingboe, Randy (MDH); Smude, Robert (MDH); Jill D - DNR Jonas; Lee H - DNR Boushon
Subject: RE: Recap - MI Comments

Hey All,
Mike is out this week, but I got his input on this via email and I've combined our comments. The comments are tracked in the attached. The first comment in paragraph 3 is pretty straightforward.

The other comments are in Section #2. We weren't sure what it was trying to say. I think if you remove the sentences, it still gets the point across. Also in the first bullet under #2, we don't think it needs to refer to state actions again since it's in the above paragraph.

Mike would like to see the final version before sign off.

Thanks,
Beth

>>> "Overmyer, Rich (DNRE)" <OVERMYERR@michigan.gov> 12/27/2010 3:26 PM >>>

All,

Yes, thanks to everyone for their work on this especially Jerry & Beth. Pat's last draft to Mikes revision looks good. Just note we should be consistent in the "1000 or less" population cutoff (eliminate the "less than 1000"). Also the 3rd bullet under item 4 should be: Maintain baseline monitoring as quarterly for all *groundwater systems serving 1000 or less.* (Not all pws).

1. Is this a draft that we can now share with the Region? YES

2. Is this proposal all or nothing? What happens if US EPA is okay with the simplified monitoring process but does not consider dropping the monitoring and reporting from clean compliance history? NO, NOT ALL OR NOTHING BEING ABLE TO KEEP OUR FIND & FIX PROCESS IS VERY IMPORTANT. HOWEVER, MI ESTIMATES A 60-70% VIOLATION RATE IF MONTHLY MONITORING STAYS IN AS PROPOSED. I SUSPECT THAT WOULD MEAN MASS REFERRALS TO EPA FOR ENFORCEMENT OF MOST M&R VIOLATIONS.

3. By using "significant deficiency" as part of reduced monitoring are we saying it is not necessary to define "sanitary defect"? WE DON'T NEED ANOTHER DEFINITION.

4. Is it okay to drop the following in #2? "Failure to follow Ground Water Rule would trigger a RTCR Level 1 Assessment. A second Level 1 trigger within a rolling 12-month period would trigger Level 1 Assessment and a third Level1 trigger would require a Level 2 assessment" If not, I need clarification of what is meant by failure to follow GWR? MIKES VERSION WORKS.

5. Do we need to provide comments or proposed definition of season system, clean compliance history, sanitary defect? NO, NOT AT THIS STAGE. LET'S NOT MAKE THIS OVERLY DETAILED.

6. Is it possible to open up the reduced monitoring to NTNCWS as well as TNCWS? The reason I ask is based on my conversation last week with Miguel. In this case we may be able to get a little more. It is still possible that through the rule negotiations that we may need settle for only transient noncommunity systems. Miguel just needs to know our initial and fall back positions. MI HAS ALMOST 1500 NT'S BUT IT IS DIFFICULT FOR US TO ARGUE VERY CONVINCINGLY TO JUSTIFY ANNUAL COLIFORM MONITORING FOR THEM. WE UNDERSTAND IT'S A LITTLE DIFFERENT FOR MN'S PROGRAM THAT IS SET UP BASED ON ANNUAL SITE VISITS & MONITORING FOR THE SYSTEMS. OUR TAKE ON THIS IS MONTHLY MONITORING IS NOT AN EFFICIENT USE OF SCARCE PUBLIC HEALTH RESOURCES. IF WE NEED TO CONCEDE ANNUAL MONITORING FOR NT'S TO MAKE MONTHLY FOR EVERYONE GO AWAY, WE SHOULD. PUTTING IT ON THE TABLE NOW AND BEING FIRM ON IT WOULD BE MI'S VOTE.

Happy New Year!

Rich

Ohio Environmental Protection Agency Unless otherwise provided by law,
this communication and any response to it constitutes a public record.

From: Philip, Kris (DNRE)
Sent: Thursday, January 06, 2011 1:17 PM
To: Benzie, Richard (DEQ)
Subject: WWN
Attachments: 3 Benzie - 2011 Needs Survey.doc

I told Randy we could maybe get another page or so, but not 3 or 4. He said to send along what we could anyway and he will try to fill the rest. Here is your previous Needs Survey article. If you could modify and send it back, that would be great.

Michigan Systems Selected for 2011 Needs Survey

By Richard Benzie, MDNRE

EPA is required by the Safe Drinking Water Act (SDWA) to conduct a survey of drinking water infrastructure needs every four years. The purpose of this survey is to capture the 20-year capital investment needs of public water systems eligible to receive Drinking Water State Revolving Fund (DWSRF) assistance. Below is the list of 63 Michigan systems that have been selected to participate in the 2011 Needs Survey.

Algonac	Huron Regional WA	Richmond
Ann Arbor	Ionia	Riverview
Bad Axe	Kalamazoo	Romulus
Birch Run	Kinross Twp	Saginaw
Brownstown Twp	Lansing	Saginaw-Midland WS
Buena Vista Twp	Macomb Twp	Sault Ste Marie
Clinton Twp	Madison Twp	Shelby Twp
Dearborn	Marquette	South Haven
Detroit	Midland	SOCWA
ELMWSA	Monroe So County	St Clair Shores
Eaton Rapids	Mount Clemens	St Clair WSA
Escanaba	Mount Pleasant	St Joseph
Flat Rock	Muskegon	Sterling Heights
Flint	Muskegon Heights	Taylor
Fort Gratiot Twp	MI-American WC	Union Twp
Frankenmuth	Northville Twp	Warren
Genesee Co	Norton Shores	Waterford Twp
Grand Ledge	Oak Park	Williamston
Grand Rapids	Oxford Twp	Woodhaven
Grosse Pt Park	Plymouth Twp	Wyoming
Hampton Twp	Port Huron	Ypsilanti CUA

EPA will use Federal Express to deliver the survey questionnaires to these systems in early 2011. It is important they be completed so Michigan obtains its fair share of the DWSRF appropriation. MDNRE is planning to conduct one or more workshops for participating systems in March of 2011 to assist in completing these surveys. If you have any questions, contact your district representative or Richard Benzie at benzier@michigan.gov .

From: CARROLL, PAT <PCARROLL@idem.IN.gov>
Sent: Friday, January 07, 2011 7:49 AM
To: 'Smith, Gerald (MDH)';Jonas, Jill D - DNR;Beth Messer;Kirk Leifheit;Mike Baker;Eric.Portz@illinois.gov;rick.cobb@illinois.gov;Benzie, Richard (DEQ);Howard, Brock (DEQ);Monosmith, Carrie (DEQ);Overmyer, Rich (DNRE);Ellingboe, Randy (MDH);Smude, Robert (MDH);Boushon, Lee H - DNR
Subject: RE: FInal draft DW Administrators letter to EPA

Jerry,

Thanks again for pulling this final together. Indiana is OK with sending this version. I have one suggestion for the last paragraph: should we put in a contact in case EPA wants clarification of one or more of our points? Since I bought it up, I'll volunteer to be a contact and would work with all of you to answer any question EPA may have. I'm also open on this and will go along with what we all decide on a inserting a contact.

I'm OK either way on letterhead: blank or the collective logos. I'll send our logo if we decide to go that way.

I'd vote for some sort of electronic signature, but will go along with what the group decides.

As soon as we all approve of the final, we should give it to Region 5

My signature block is:

Patrick Carroll, Chief
Drinking Water Branch
Office of Water Quality
Indiana Department of Environmental Management

Pat

From: Smith, Gerald (MDH) [mailto:Gerald.Smith@state.mn.us]
Sent: Wednesday, January 05, 2011 10:22 AM
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Wisconsin Department of Natural Resources
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Thanks

Jerry

From: Beth Messer [mailto:Beth.Messer@epa.state.oh.us]
Sent: Wednesday, December 29, 2010 7:31 AM
To: Kirk Leifheit; Mike Baker; 'pcarroll@idem.in.gov'; 'Eric.Portz@illinois.gov'; 'rick.cobb@illinois.gov'; Richard (DNRE) Benzie; Brock (DNRE) Howard; Carrie (DNRE) Monosmith; Rich (DNRE) Overmyer; Smith, Gerald (MDH); Ellingboe, Randy (MDH); Smude, Robert (MDH); Jill D - DNR Jonas; Lee H - DNR Boushon
Subject: RE: Recap - MI Comments

Hey All,
Mike is out this week, but I got his input on this via email and I've combined our comments. The comments are tracked in the attached. The first comment in paragraph 3 is pretty straightforward.

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Thanks,
Beth

>>> "Overmyer, Rich (DNRE)" <OVERMYERR@michigan.gov> 12/27/2010 3:26 PM >>>

All,

Yes, thanks to everyone for their work on this especially Jerry & Beth. Pat's last draft to Mikes revision looks good. Just note we should be consistent in the "1000 or less" population cutoff (eliminate the "less than 1000"). Also the 3rd bullet under item 4 should be: Maintain baseline monitoring as quarterly for all *groundwater systems serving 1000 or less.* (Not all pws).

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Happy New Year!

Rich

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Sent: Saturday, January 08, 2011 2:04 PM
To: Jonas, Jill D - DNR;Mike Baker;Beth Messer;Howard, Brock (DEQ);Monosmith, Carrie (DEQ);Eric.Portz@illinois.gov;Kirk Leifheit;Boushon, Lee H - DNR;PAT CARROLL;Ellingboe, Randy (MDH);Overmyer, Rich (DNRE);Benzie, Richard (DEQ);rick.cobb@illinois.gov;Smude, Robert (MDH)
Subject: RE: FInal draft DW Administrators letter to EPA
Attachments: Region 5 comments 01 08_final draft.DOC

Hello all

The document has been revised to address the consistency issues of the acronyms. We will go without the letterhead as there are states where the logo may be changing. In the final document we will try to have all of the signatures on a single page. Please review your signature block to make sure it is correct. (I just want to make sure something has not been lost in the cut and paste). The final paragraph has been edited to include a contact for the Region 5 states. There is general agreement that the letter can now be sent to Region 5 staff. If I hear no objections I will send a copy of the draft (minus signatures) to Miguel Wednesday.

When you send me your signature block I will use this as your stamp of approval the document is ready to sign. I have a signature block from Illinois.

Two additional questions

1 Do we want to request a meeting with Tom Grubbs to further discuss these issues? We did make that request when a common letter signed by all Region 5 State's was sent for the proposed GWR. This resulted US EPA holding a two day meeting in DC to discuss the States issues. Almost all states had representation at the meeting.

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Subject: RE: FInal draft DW Administrators letter to EPA

Morning All,

I originally replied only to Jerry so thought I should share my thoughts. I suggested we clean up the acronym "stuff" so it was consistent throughout the document.

Other comments:

I support having a contact (and it being Pat----Thanks).

Electronic signature (pdf) is okay with me.

We also have a letterhead change going on---so I'm in the same boat as Mike on that one.

Once we finalize---okay to give it to the Region.

Jill D. Jonas, Director
Bureau of Drinking Water and Groundwater
Wisconsin Department of Natural Resources
101 South Webster, PO Box 7921
Madison, WI 53707-7921
phone: (608) 267-7545
fax: (608) 267-7650
jill.jonas@wisconsin.gov

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I agree having a contact is a good idea and thanks Pat for volunteering.

Clarification, are we using electronic signatures or are we circulating the letter. Electronic signatures (i.e. pdf) would clearly be quicker.

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Mike

>>> "CARROLL, PAT" <PCARROLL@idem.IN.gov> 1/7/2011 7:48 AM >>>

Jerry,

Thanks again for pulling this final together. Indiana is OK with sending this version. I have one suggestion for the last paragraph: should we put in a contact in case EPA wants clarification of one or more of our points? Since I bought it up, I'll volunteer to be a contact and would work with all of you to answer any question EPA may have. I'm also open on this and will go along with what we all decide on a inserting a contact.

I'm OK either way on letterhead: blank or the collective logos. I'll send our logo if we decide to go that way.

I'd vote for some sort of electronic signature, but will go along with what the group decides.

As soon as we all approve of the final, we should give it to Region 5

My signature block is:

Patrick Carroll, Chief
Drinking Water Branch

Office of Water Quality
Indiana Department of Environmental Management

Pat

From: Smith, Gerald (MDH) [mailto:Gerald.Smith@state.mn.us]
Sent: Wednesday, January 05, 2011 10:22 AM
To: Jonas, Jill D - DNR; Beth Messer; Kirk Leifheit; Mike Baker; CARROLL, PAT; 'Eric.Portz@illinois.gov'; 'rick.cobb@illinois.gov'; Richard (DNRE) Benzie; Brock (DNRE) Howard; Carrie (DNRE) Monosmith; Rich (DNRE) Overmyer; Ellingboe, Randy (MDH); Smude, Robert (MDH); Boushon, Lee H - DNR
Subject: FInal draft DW Administrators letter to EPA
Importance: High

Good morning all

Attached is the final draft (yeah and a toss of confetti). The letter still needs formatting and that task has been given to our support staff. The track change is still on in case there are still changes to be made. Can everyone please send me their signature block. If you have already done so can you please resend as a couple of my archive email files were lost and I have someone trying to recover them. It will be faster if you resend the signature block.

Do we want the letter to go out with out a letterhead? One option would be to paste the logo from each state at the top of the letter.

Do the directors want to route the letter for signature or use electronic signatures?

Are we okay to send an advance copy of the letter to Region 5?

Thanks

Jerry

From: Jonas, Jill D - DNR [mailto:Jill.Jonas@Wisconsin.gov]
Sent: Monday, January 03, 2011 1:16 PM
To: Smith, Gerald (MDH); Beth Messer; Kirk Leifheit; Mike Baker; 'pcarroll@idem.in.gov'; 'Eric.Portz@illinois.gov'; 'rick.cobb@illinois.gov'; Richard (DNRE) Benzie; Brock (DNRE) Howard; Carrie (DNRE) Monosmith; Rich (DNRE) Overmyer; Ellingboe, Randy (MDH); Smude, Robert (MDH); Boushon, Lee H - DNR
Subject: RE: Recap REduxp

Hi All,
Yes, we are okay with dropping the 2nd sentence in #2 as suggested by Beth.
Looking forward to seeing the final draft.
Happy 2011 everyone.
Jill

Jill D. Jonas, Director
Bureau of Drinking Water and Groundwater
Wisconsin Department of Natural Resources

101 South Webster, PO Box 7921
Madison, WI 53707-7921
phone: (608) 267-7545
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From: Smith, Gerald (MDH) [mailto:Gerald.Smith@state.mn.us]
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Happy New everyone

I have changed the letter to incorporate Beth's comment in paragraph 3.

Regarding the Section 2 comment, I need to defer to Jill and Lee as this was language from their December 15 and 16 email attachments. I am good with dropping from the second bullet "What is needed is a compliance response path for total coliform positives that focuses on GWR responses for the initial confirmed total coliform positive and has an escalated response for additional confirmed total coliform positive results" Jill/Lee are you okay with dropping this sentence? If not can you please address Beth/Mike's questions.

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Date January 12, 2011

Mr. Tom Grubbs

USEPA Headquarters
Ariel Rios Building
1200 Pennsylvania Avenue, N. W.
Mail Code: 4607M
Washington, DC 20460

Dear Mr. Grubbs:

The States located within the United States Environmental Protection Agency (US EPA) Region 5 submit the following comments and recommendations for consideration in finalizing revisions to the Total Coliform Rule (TCR). The Region 5 State's are very concerned about the impacts this rule will have on the Public Water Supply Supervision Programs. Those concerns are magnified by the large number of public water systems located in the Region.

Nationally it is estimated that there are 153,530 public water supplies. Region 5 State's have responsibility for 45,425 public water supplies (29% of the national number). Of these public water supplies 38,010 are noncommunity public water supplies, representing about 40 % of the noncommunity public water supplies (TNC PWS) in the Nation. The majority of noncommunity transient systems in Region 5 are on an annual total coliform monitoring frequency (67% or 22,286 systems). Comparing the existing monitoring frequency of noncommunity systems in Region 5 to a quarterly monitoring or monthly monitoring frequency under the RTCR represents an 86% and 458% increase in sample collection respectively (with Minnesota expecting a 825% increase). Two States within Region 5, Michigan and Wisconsin have the largest number of public water supplies in the country (23,036 systems). All Region 5 states fall within the top 12 states nationally for the number of public water supplies.

The Region 5 States cannot support the Revised Total Coliform Rule (RTCR) as written. As proposed, the RTCR creates unnecessary resource burdens without accompanying public health gains. The RTCR also fails to recognize the significant public health protection achieved through the Ground Water Rule's (GWR) focus on microbial contamination of source waters, particularly for those public water systems with limited distribution systems (LDS). On balance, the RTCR is not as protective of public health for these systems as the existing rule (See individual state comments). While each of the Region 5 States submitted comments during the formal comment period, we are sending this joint letter to emphasize those changes we believe are essential for successful implementation of the rule.

The Region 5 States can support changes to the RTCR that builds on the existing TCR and GWR through a "find and fix" regulatory framework. The Region 5 States agree the key to improved public health protection is the 'find and fix" approach and validation of the fix working. States must be provided the flexibility to retain their state requirements of "find and fix" responses and authorities to address total coliform positives that focus on approaches that have proven to work through years of implementing the current TCR. The Region 5 States' proposed changes listed below: 1) satisfy the principals of the AIP, 2) are as stringent as the proposed RTCR, 3) create better rule structure for more effective implementation, 4)provide improved linkage to existing

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regulations, and 5) improve public health protection through more effective use of state and system resources.

1. Revisions to the TCR need a better connection to the (GWR) for public water supplies (population less than 1000) with a limited distribution system (LDS). Region 5 States proposes defining these water supplies as follows:
    - Systems with limited distribution systems are those groundwater public water supplies serving a population of 1000 or fewer that consist solely of well discharge piping, service connections and/or building plumbing for the purpose of conveying potable water to points of use located only on property owned or controlled by the supplier of water. Public water supplies that have piping in the public road right of way, hydrants other than on the well discharge piping, gravity storage tanks, or piping that crosses property lines shall not be considered limited distribution systems.
2. For public water supplies with limited distribution systems the best opportunity to increase public health protection is to focus on potential source water issues. US EPA needs to use and build upon the existing "find and fix" approach of the GWR. The GWR already has a framework for triggering investigations and requiring corrective actions. US EPA needs to recognize that existing regulatory framework by revising 40 CFR 141. 859 as described below.

    - Specify that the "find and fix" approach required under the GWR, as well as any state specific actions as provided under the next bullet, is the first triggered assessment under 141.859(b) for LDS. An escalated response is required based on additional triggers exceeded and any state specific action requirements.

    - Eliminate the specific details on assessments and corrective actions required in response to total coliform positives and instead require a description of state response actions. US EPA needs to allow states to specify in their primacy application what escalating assessments, corrective action requirements and adequacy determinations are appropriate based on the specifics of any public water system. US EPA should continue to finalize the Assessments and Corrective Actions Guidance Manual to assist states.

    - 40 CFR 142.16, should be amended to provide for states to specify that state maximum contaminant (MCL) response actions, used to implement the federal TCR in place prior to [the date of final RTRC adoption], are part of their assessment and corrective actions.

3. Eliminate the increased monitoring based solely on the failure to monitor as defined in "clean compliance history".

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4. Simplify the process of increasing and decreasing monitoring under the RTCR by:
    - Allow existing enforcement mechanisms to address to failure to monitor;
    - Eliminate "and one" requirement to return to a reduced monitoring schedule.
    - Maintain baseline monitoring as quarterly for all public water systems
    - Maintain transition using current monitoring
    - New systems will be required to follow baseline monitoring (quarterly) for at least one year.
    - Reduced monitoring to annual is permitted for groundwater TNC PWS with a population less than 1, 000 persons which meet the following criteria:
        a. Have an annual site visit
        b. No significant deficiencies
        c. Have at least one total coliform sample in the last 12 months
        d. No E. coli positive samples in the last 12 months
        e. No more than one total coliform positive sample in the last 12 months.
    - Monthly monitoring is only triggered when:
        a. E. Coli_ Acute MCL
        b. Two Level 1 triggers in 12 months
    - Monthly monitoring continues until 6 months of total coliform negative samples are collected

5. Revise the grant formula. A revision to the grant formula is necessary even with the recommended changes of Region 5 States, but is essential if no changes are made. Non-community water systems are not part of EPA's evaluation of achieving strategic plan objectives. The RTCR will create new resource requirements and/or redirect existing resources to NCWS negatively impacting the ability of states, with high numbers of NCWS, to meet EPA's strategic objectives. In order to allow states sufficient financial resources to meet the strategic objectives the grant allocation formula should be restructured. We recommend increasing the multiplier for TNC in the PWS grant allotment formula to 0.20 while decreasing the allotment formula for community and NTNC to 0.50.

6. Region 5 State's firmly hope that these recommended revisions can be made. If not US EPA will need to provide states the ability to request extensions to the timeline of implementing the RTCR.

Region 5 States have Safe Drinking Water Act responsibility for 45,425 public water supplies, approximately 29% of all public water supplies in the nation. Because of the large number of public water supplies, especially those water supplies serving 1,000 persons or less, the proposed RTCR will impact Region 5 states disproportionately than any other Region in the nation. We thank US EPA in advance for consideration to our recommendations. All of the Region 5 State's drinking water administrators are available to answer questions to state specific comments submitted during the public comment period. We have chosen Pat Carroll as the contact for the Region 5 State's if clarification or additional information is needed to the comments and recommendations of this letter. Pat Carroll can be reached at (317) 308-3281.

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The Region 5 State Drinking Water Administrators

Patrick Carroll, Chief
Drinking Water Branch
Office of Water Quality
Indiana Department of Environmental Management

W. David McMillan, P.G
Manager, Division of Public Water Supplies
Bureau of Water, Illinois Environmental Protection Agency

Liane J. Shekter-Smith, P.E. Chief
Environmental Resources Management Division
Michigan, Department of Natural Resources and Environment

Randy Ellingboe, P.E. Program Manager
Section of Drinking Water Protection
Division of Environmental Health
Minnesota Department of Health

Michael G. Baker, Chief
Division of Drinking Water and Groundwater
Ohio Environmental Protection Agency

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Jill D. Jonas, Director
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Wisconsin Department of Natural Resources

cc. Cynthia Dougherty, US EPA Headquarters.
Ron Bergman, US EPA Headquarters
Tom Poy, US EPA Region 5
Miguel Deltoral, US EPA Region 5
Heather Shoven, US EPA Region 5

5

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Sent: Monday, January 10, 2011 8:42 AM
To: 'Smith, Gerald (MDH)';Jonas, Jill D - DNR;Mike Baker;Beth Messer;Howard, Brock (DEQ);Monosmith, Carrie (DEQ);Eric.Portz@illinois.gov;Kirk Leifheit;Boushon, Lee H - DNR;Ellingboe, Randy (MDH);Overmyer, Rich (DNRE);Benzie, Richard (DEQ);rick.cobb@illinois.gov;Smude, Robert (MDH)
Subject: RE: FInal draft DW Administrators letter to EPA

Jerry,

On the letter my phone number is: 317/232-8741. On the questions: 1) I think it is fine to ask for a meeting, 2) I'd defer to Jill on that one and we can follow up with ASDWA any way she recommends.

Here is my signature block:

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My signature block is:

Patrick Carroll, Chief
Drinking Water Branch
Office of Water Quality
Indiana Department of Environmental Management

Pat

From: Smith, Gerald (MDH) [mailto:Gerald.Smith@state.mn.us]
Sent: Wednesday, January 05, 2011 10:22 AM
To: Jonas, Jill D - DNR; Beth Messer; Kirk Leifheit; Mike Baker; CARROLL, PAT; 'Eric.Portz@illinois.gov'; 'rick.cobb@illinois.gov'; Richard (DNRE) Benzie; Brock (DNRE) Howard; Carrie (DNRE) Monosmith; Rich (DNRE) Overmyer; Ellingboe, Randy (MDH); Smude, Robert (MDH); Boushon, Lee H - DNR
Subject: FInal draft DW Administrators letter to EPA
Importance: High

Good morning all

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Sent: Monday, January 03, 2011 1:16 PM
To: Smith, Gerald (MDH); Beth Messer; Kirk Leifheit; Mike Baker; 'pcarroll@idem.in.gov'; 'Eric.Portz@illinois.gov'; 'rick.cobb@illinois.gov'; Richard (DNRE) Benzie; Brock (DNRE) Howard; Carrie (DNRE) Monosmith; Rich (DNRE) Overmyer; Ellingboe, Randy (MDH); Smude, Robert (MDH); Boushon, Lee H - DNR
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Hi All,
Yes, we are okay with dropping the 2nd sentence in #2 as suggested by Beth.
Looking forward to seeing the final draft.
Happy 2011 everyone.
Jill

Jill D. Jonas, Director
Bureau of Drinking Water and Groundwater
Wisconsin Department of Natural Resources
101 South Webster, PO Box 7921
Madison, WI 53707-7921
phone: (608) 267-7545
fax: (608) 267-7650
jill.jonas@wisconsin.gov

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Sent: Sunday, January 02, 2011 12:43 PM
To: Beth Messer; Kirk Leifheit; Mike Baker; 'pcarroll@idem.in.gov'; 'Eric.Portz@illinois.gov'; 'rick.cobb@illinois.gov'; Richard (DNRE) Benzie; Brock (DNRE) Howard; Carrie (DNRE) Monosmith; Rich (DNRE) Overmyer; Ellingboe, Randy (MDH); Smude, Robert (MDH); Jonas, Jill D - DNR; Boushon, Lee H - DNR
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Sent: Wednesday, December 29, 2010 7:31 AM
To: Kirk Leifheit; Mike Baker; 'pcarroll@idem.in.gov'; 'Eric.Portz@illinois.gov'; 'rick.cobb@illinois.gov'; Richard (DNRE) Benzie; Brock (DNRE) Howard; Carrie (DNRE) Monosmith; Rich (DNRE) Overmyer; Smith, Gerald (MDH); Ellingboe, Randy (MDH); Smude, Robert (MDH); Jill D - DNR Jonas; Lee H - DNR Boushon
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Beth

>>> "Overmyer, Rich (DNRE)" <OVERMYERR@michigan.gov> 12/27/2010 3:26 PM >>>

All,

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Happy New Year!

Rich

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From: Mike Baker <Mike.Baker@epa.state.oh.us>
Sent: Monday, January 10, 2011 8:57 AM
To: Beth Messer;Howard, Brock (DEQ);Monosmith, Carrie (DEQ);Eric.Portz@;Gerald (MDH) Smith;Jill D - DNR Jonas;Kirk Leifheit;Lee H - DNR Boushon;PAT CARROLL;Randy(MDH) Ellingboe;Overmyer, Rich (DNRE);Benzie, Richard (DEQ);rick.cobb@;Robert (MDH) Smude
Subject: RE: FInal draft DW Administrators letter to EPA
Attachments: Region 5 comments 01 08_final draft_3mb.DOC

Thanks Jerry:

A couple of very minor edits. Not sure about the meeting - a conference call would be easier. We should certainly share our comments with ASDWA. I'll send signature later this morning

Mike

Michael G. Baker, Chief
Division of Drinking and Ground Waters
Ohio Environmental Protection Agency
Lazarus Government Center
PO Box 1049
Columbus, Ohio 43216-1049
Phone: 614.644.2752
Fax: 614.644.2909
E-mail: mike.baker@epa.state.oh.us
Web: http://www.epa.state.oh.us/ddagw/index.htm

>>> "Smith, Gerald (MDH)" <Gerald.Smith@state.mn.us> 1/8/2011 2:03 PM >>>

Hello all

The document has been revised to address the consistency issues of the acronyms. We will go without the letterhead as there are states where the logo may be changing. In the final document we will try to have all of the signatures on a single page. Please review your signature block to make sure it is correct. (I just want to make sure something has not been lost in the cut and paste). The final paragraph has been edited to include a contact for the Region 5 states. There is general agreement that the letter can now be sent to Region 5 staff. If I hear no objections I will send a copy of the draft (minus signatures) to Miguel Wednesday.

When you send me your signature block I will use this as your stamp of approval the document is ready to sign. I have a signature block from Illinois.

Two additional questions

1 Do we want to request a meeting with Tom Grubbs to further discuss these issues? We did make that request when a common letter signed by all Region 5 State's was sent for the proposed GWR. This resulted US EPA holding a two day meeting in DC to discuss the States issues. Almost all states had representation at the meeting.

2. Do we brief ASDWA on our request? If so when? The March ASDWA meeting (general session and Board meeting) will be a good time to get everyone at the table.

Thanks

Jerry

From: Jonas, Jill D - DNR [mailto:Jill.Jonas@Wisconsin.gov]
Sent: Friday, January 07, 2011 7:52 AM
To: Mike Baker; Beth Messer; Brock (DNRE) Howard; Carrie (DNRE) Monosmith; Eric.Portz@illinois.gov; Smith, Gerald (MDH); Kirk Leifheit; Boushon, Lee H - DNR; PAT CARROLL; Ellingboe, Randy (MDH); Rich (DNRE) Overmyer; Richard (DNRE) Benzie; rick.cobb@illinois.gov; Smude, Robert (MDH)
Subject: RE: FInal draft DW Administrators letter to EPA

Morning All,

I originally replied only to Jerry so thought I should share my thoughts. I suggested we clean up the acronym "stuff" so it was consistent throughout the document.

Other comments:

I support having a contact (and it being Pat----Thanks).

Electronic signature (pdf) is okay with me.

We also have a letterhead change going on---so I'm in the same boat as Mike on that one.

Once we finalize---okay to give it to the Region.

Jill D. Jonas, Director
Bureau of Drinking Water and Groundwater
Wisconsin Department of Natural Resources
101 South Webster, PO Box 7921
Madison, WI 53707-7921
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fax: (608) 267-7650
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To: Beth Messer; Brock (DNRE) Howard; Carrie (DNRE) Monosmith; Eric.Portz@illinois.gov; Gerald (MDH)' 'Smith; Jonas, Jill D - DNR; Kirk Leifheit; Boushon, Lee H - DNR; PAT CARROLL; Randy (MDH) Ellingboe; Rich (DNRE) Overmyer; Richard (DNRE) Benzie; rick.cobb@illinois.gov; Robert (MDH) Smude
Subject: RE: FInal draft DW Administrators letter to EPA

I agree having a contact is a good idea and thanks Pat for volunteering.

Clarification, are we using electronic signatures or are we circulating the letter. Electronic signatures (i.e. pdf) would clearly be quicker.

It is a little tough to provide the Ohio EPA letterhead right now as we are changing Governor and Director over the weekend.

Mike

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Date January 12, 2011

Mr. Tom Grubbs

USEPA Headquarters
Ariel Rios Building
1200 Pennsylvania Avenue, N. W.
Mail Code: 4607M
Washington, DC 20460

Dear Mr. Grubbs:

The States located within the United States Environmental Protection Agency (US EPA) Region 5 submit the following comments and recommendations for consideration in finalizing revisions to the Total Coliform Rule (TCR). The Region 5 State's are very concerned about the impacts this rule will have on the Public Water Supply Supervision Programs. Those concerns are magnified by the large number of public water systems located in the Region.

Nationally it is estimated that there are 153,530 public water supplies. Region 5 State's have responsibility for 45,425 public water supplies (29% of the national number). Of these public water supplies 38,010 are noncommunity public water supplies, representing about 40 % of the noncommunity public water supplies (TNC PWS) in the Nation. The majority of noncommunity transient systems in Region 5 are on an annual total coliform monitoring frequency (67% or 22,286 systems). Comparing the existing monitoring frequency of noncommunity systems in Region 5 to a quarterly monitoring or monthly monitoring frequency under the RTCR represents an 86% and 458% increase in sample collection respectively (with Minnesota expecting a 825% increase). Two States within Region 5, Michigan and Wisconsin have the largest number of public water supplies in the country (23,036 systems). All Region 5 states fall within the top 12 states nationally for the number of public water supplies.

The Region 5 States cannot support the Revised Total Coliform Rule (RTCR) as written. As proposed, the RTCR creates unnecessary resource burdens without accompanying public health gains. The RTCR also fails to recognize the significant public health protection achieved through the Ground Water Rule's (GWR) focus on microbial contamination of source waters, particularly for those public water systems with limited distribution systems (LDS). On balance, the RTCR is not as protective of public health for these systems as the existing rule (See individual state comments). While each of the Region 5 States submitted comments during the formal comment period, we are sending this joint letter to emphasize those changes we believe are essential for successful implementation of the rule.

The Region 5 States can support changes to the RTCR that builds on the existing TCR and GWR through a "find and fix" regulatory framework. The Region 5 States agree the key to improved public health protection is the 'find and fix" approach and validation of the fix working. States must be provided the flexibility to retain their state requirements of "find and fix" responses and authorities to address total coliform positives that focus on approaches that have proven to work through years of implementing the current TCR. The Region 5 States' proposed changes listed below: 1) satisfy the principals of the AIP, 2) are as stringent as the proposed RTCR, 3) create better rule structure for more effective implementation, 4)provide improved linkage to existing

1

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regulations, and 5) improve public health protection through more effective use of state and system resources.

1. Revisions to the TCR need a better connection to the (GWR) for public water supplies (population less than 1000) with a limited distribution system (LDS). Region 5 States proposes defining these water supplies as follows:
    - Systems with limited distribution systems are those groundwater public water supplies serving a population of 1000 or fewer that consist solely of well discharge piping, service connections and/or building plumbing for the purpose of conveying potable water to points of use located only on property owned or controlled by the supplier of water. Public water supplies that have piping in the public road right of way, hydrants other than on the well discharge piping, gravity storage tanks, or piping that crosses property lines shall not be considered limited distribution systems.
2. For public water supplies with limited distribution systems the best opportunity to increase public health protection is to focus on potential source water issues. US EPA needs to use and build upon the existing "find and fix" approach of the GWR. The GWR already has a framework for triggering investigations and requiring corrective actions. US EPA needs to recognize that existing regulatory framework by revising 40 CFR 141. 859 as described below.

    - Specify that the "find and fix" approach required under the GWR, as well as any state specific actions as provided under the next bullet, is the first triggered assessment under 141.859(b) for LDS. An escalated response is required based on additional triggers exceeded and any state specific action requirements.

    - Eliminate the specific details on assessments and corrective actions required in response to total coliform positives and instead require a description of state response actions. US EPA needs to allow states to specify in their primacy application what escalating assessments, corrective action requirements and adequacy determinations are appropriate based on the specifics of any public water system. US EPA should continue to finalize the Assessments and Corrective Actions Guidance Manual to assist states.

    - 40 CFR 142.16, should be amended to provide for states to specify that state maximum contaminant (MCL) response actions, used to implement the federal TCR in place prior to [the date of final RTRC adoption], are part of their assessment and corrective actions.

3. Eliminate the increased monitoring based solely on the failure to monitor as defined in "clean compliance history".

Comment [MB1]: Can we delete this highlight?

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4. Simplify the process of increasing and decreasing monitoring under the RTCR by:
    - Allow existing enforcement mechanisms to address to failure to monitor;
    - Eliminate "and one" requirement to return to a reduced monitoring schedule.
    - Maintain baseline monitoring as quarterly for all non-community public water systems
    - Maintain transition using current monitoring
    - New systems will be required to follow baseline monitoring (quarterly) for at least one year.
    - Reduced monitoring to annual is permitted for groundwater TNC PWS with a population less than 1, 000 persons which meet the following criteria:
        a. Have an annual site visit
        b. No significant deficiencies
        c. Have at least one total coliform sample in the last 12 months
        d. No E. coli positive samples in the last 12 months
        e. No more than one total coliform positive sample in the last 12 months.
    - Monthly monitoring is only triggered when:
        a. E. Coli_ Acute MCL
        b. Two Level 1 triggers in 12 months
    - Monthly monitoring continues until 6 months of total coliform negative samples are collected

5. Revise the grant formula. A revision to the grant formula is necessary even with the recommended changes of Region 5 States, but is essential if no changes are made. Non-community water systems are not part of EPA's evaluation of achieving strategic plan objectives. The RTCR will create new resource requirements and/or redirect existing resources to NCWS negatively impacting the ability of states, with high numbers of NCWS, to meet EPA's strategic objectives. In order to allow states sufficient financial resources to meet the strategic objectives the grant allocation formula should be restructured. We recommend increasing the multiplier for TNC in the PWS grant allotment formula to 0.20 while decreasing the allotment formula for community and NTNC to 0.50.

6. Region 5 State's firmly hope that these recommended revisions can be made. If not US EPA will need to provide states the ability to request extensions to the timeline of implementing the RTCR.

Region 5 States have Safe Drinking Water Act responsibility for 45,425 public water supplies, approximately 29% of all public water supplies in the nation. Because of the large number of public water supplies, especially those water supplies serving 1,000 persons or less, the proposed RTCR will impact Region 5 states disproportionately than any other Region in the nation. We thank US EPA in advance for consideration to our recommendations. All of the Region 5 State's drinking water administrators are available to answer questions to state specific comments submitted during the public comment period. We have chosen Pat Carroll as the

Comment [EM2]: Quarterly for all pws? not just NCWS?

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contact for the Region 5 State's if clarification or additional information is needed to the comments and recommendations of this letter. Pat Carroll can be reached at (317) 308-3281.

The Region 5 State Drinking Water Administrators

Patrick Carroll, Chief
Drinking Water Branch
Office of Water Quality
Indiana Department of Environmental Management

W. David McMillan, P.G
Manager, Division of Public Water Supplies
Bureau of Water, Illinois Environmental Protection Agency

Liane J. Shekter-Smith, P.E. Chief
Environmental Resources Management Division
Michigan, Department of Natural Resources and Environment

Randy Ellingboe, P.E. Program Manager
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Bureau of Drinking Water and Groundwater
Wisconsin Department of Natural Resources

cc. Cynthia Dougherty, US EPA Headquarters.
Ron Bergman, US EPA Headquarters
Tom Poy, US EPA Region 5
Miguel Deltoral, US EPA Region 5
Heather Shoven, US EPA Region 5

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From: Jonas, Jill D - DNR <Jill.Jonas@Wisconsin.gov>
Sent: Monday, January 10, 2011 1:32 PM
To: Mike Baker;Beth Messer;Howard, Brock (DEQ);Monosmith, Carrie (DEQ);Eric.Portz@illinois.gov;Kirk Leifheit;Boushon, Lee H - DNR;PAT CARROLL;Ellingboe,Randy (MDH);Overmyer, Rich (DNRE);Benzie, Richard (DEQ);rick.cobb@illinois.gov;Smude, Robert (MDH);Jonas, Jill D - DNR
Subject: FW: FInal draft DW Administrators letter to EPA
Attachments: Region 5 comments 01 08_final draft.DOC

Thank you Jerry,

I've included a handful of "clean-up" suggestions in "tracked" changes. Additionally, I'm confused with the 2nd sentence of our second paragraph. I'm not sure when we mean NCWS and TNCWS. Jerry, could you take a look at it?

To answer Jerry's questions:

1. I lean toward a conference call; or perhaps someone wants to come to our spring Chicago Region V meeting and talk with us???
2. I suggest we send a copy to ASDWA once signed. I'm sure it will come up during the Board meeting, however I'm willing to request the discussion if people prefer.

Jill

Jill D. Jonas, Director
Bureau of Drinking Water and Groundwater
Wisconsin Department of Natural Resources
101 South Webster, PO Box 7921
Madison, WI 53707-7921
phone: (608) 267-7545
fax: (608) 267-7650
jill.jonas@wisconsin.gov

From: Smith, Gerald (MDH) [mailto:Gerald.Smith@state.mn.us]
Sent: Saturday, January 08, 2011 1:04 PM
To: Jonas, Jill D - DNR; Mike Baker; Beth Messer; Brock (DNRE) Howard; Carrie (DNRE) Monosmith; Eric.Portz@illinois.gov; Kirk Leifheit; Boushon, Lee H - DNR; PAT CARROLL; Ellingboe, Randy (MDH); Rich (DNRE) Overmyer; Richard (DNRE) Benzie; rick.cobb@illinois.gov; Smude, Robert (MDH)
Subject: RE: FInal draft DW Administrators letter to EPA

Hello all

The document has been revised to address the consistency issues of the acronyms. We will go without the letterhead as there are states where the logo may be changing. In the final document we will try to have all of the signatures on a single page. Please review your signature block to make sure it is correct. (I just want to make sure something has not been lost in the cut and paste). The final paragraph has been edited to include a contact for the Region 5 states. There is general agreement that the letter can now be sent to Region 5 staff. If I hear no objections I will send a copy of the draft (minus signatures) to Miguel Wednesday.

When you send me your signature block I will use this as your stamp of approval the document is ready to sign. I have a signature block from Illinois.

Two additional questions

1 Do we want to request a meeting with Tom Grubbs to further discuss these issues? We did make that request when a common letter signed by all Region 5 State's was sent for the proposed GWR. This resulted US EPA holding a two day meeting in DC to discuss the States issues. Almost all states had representation at the meeting.

2. Do we brief ASDWA on our request? If so when? The March ASDWA meeting (general session and Board meeting) will be a good time to get everyone at the table.

Thanks

Jerry

From: Jonas, Jill D - DNR [mailto:Jill.Jonas@Wisconsin.gov]
Sent: Friday, January 07, 2011 7:52 AM
To: Mike Baker; Beth Messer; Brock (DNRE) Howard; Carrie (DNRE) Monosmith; Eric.Portz@illinois.gov; Smith, Gerald (MDH); Kirk Leifheit; Boushon, Lee H - DNR; PAT CARROLL; Ellingboe, Randy (MDH); Rich (DNRE) Overmyer; Richard (DNRE) Benzie; rick.cobb@illinois.gov; Smude, Robert (MDH)
Subject: RE: FInal draft DW Administrators letter to EPA

Morning All,

I originally replied only to Jerry so thought I should share my thoughts. I suggested we clean up the acronym "stuff" so it was consistent throughout the document.

Other comments:

I support having a contact (and it being Pat----Thanks).

Electronic signature (pdf) is okay with me.

We also have a letterhead change going on---so I'm in the same boat as Mike on that one.

Once we finalize---okay to give it to the Region.

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jill.jonas@wisconsin.gov

From: Mike Baker [mailto:Mike.Baker@epa.state.oh.us]
Sent: Friday, January 07, 2011 7:39 AM
To: Beth Messer; Brock (DNRE) Howard; Carrie (DNRE) Monosmith; Eric.Portz@illinois.gov; Gerald (MDH)' 'Smith; Jonas, Jill D - DNR; Kirk Leifheit; Boushon, Lee H - DNR; PAT CARROLL; Randy (MDH) Ellingboe; Rich (DNRE) Overmyer; Richard (DNRE) Benzie; rick.cobb@illinois.gov; Robert (MDH) Smude
Subject: RE: FInal draft DW Administrators letter to EPA

I agree having a contact is a good idea and thanks Pat for volunteering.

Clarification, are we using electronic signatures or are we circulating the letter. Electronic signatures (i.e. pdf) would clearly be quicker.

It is a little tough to provide the Ohio EPA letterhead right now as we are changing Governor and Director over the weekend.

Mike

>>> "CARROLL, PAT" <PCARROLL@idem.IN.gov> 1/7/2011 7:48 AM >>>

Jerry,

Thanks again for pulling this final together. Indiana is OK with sending this version. I have one suggestion for the last paragraph: should we put in a contact in case EPA wants clarification of one or more of our points? Since I bought it up, I'll volunteer to be a contact and would work with all of you to answer any question EPA may have. I'm also open on this and will go along with what we all decide on a inserting a contact.

I'm OK either way on letterhead: blank or the collective logos. I'll send our logo if we decide to go that way.

I'd vote for some sort of electronic signature, but will go along with what the group decides.

As soon as we all approve of the final, we should give it to Region 5

My signature block is:

Patrick Carroll, Chief
Drinking Water Branch
Office of Water Quality
Indiana Department of Environmental Management

Pat

From: Smith, Gerald (MDH) [mailto:Gerald.Smith@state.mn.us]
Sent: Wednesday, January 05, 2011 10:22 AM
To: Jonas, Jill D - DNR; Beth Messer; Kirk Leifheit; Mike Baker; CARROLL, PAT; 'Eric.Portz@illinois.gov'; 'rick.cobb@illinois.gov'; Richard (DNRE) Benzie; Brock (DNRE) Howard; Carrie (DNRE) Monosmith; Rich (DNRE) Overmyer; Ellingboe, Randy (MDH); Smude, Robert (MDH); Boushon, Lee H - DNR
Subject: FInal draft DW Administrators letter to EPA
Importance: High

Good morning all

Attached is the final draft (yeah and a toss of confetti). The letter still needs formatting and that task has been given to our support staff. The track change is still on in case there are still changes to be made. Can everyone please send me their signature block. If you have already done so can you please resend as a couple of my archive email files were lost and I have someone trying to recover them. It will be faster if you resend the signature block.

Do we want the letter to go out with out a letterhead? One option would be to paste the logo from each state at the top of the letter.

Do the directors want to route the letter for signature or use electronic signatures?

Are we okay to send an advance copy of the letter to Region 5?

Thanks

Jerry

From: Jonas, Jill D - DNR [mailto:Jill.Jonas@Wisconsin.gov]
Sent: Monday, January 03, 2011 1:16 PM
To: Smith, Gerald (MDH); Beth Messer; Kirk Leifheit; Mike Baker; 'pcarroll@idem.in.gov'; 'Eric.Portz@illinois.gov'; 'rick.cobb@illinois.gov'; Richard (DNRE) Benzie; Brock (DNRE) Howard; Carrie (DNRE) Monosmith; Rich (DNRE) Overmyer; Ellingboe, Randy (MDH); Smude, Robert (MDH); Boushon, Lee H - DNR
Subject: RE: Recap REduxp

Hi All,
Yes, we are okay with dropping the 2nd sentence in #2 as suggested by Beth.
Looking forward to seeing the final draft.
Happy 2011 everyone.
Jill

Jill D. Jonas, Director
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phone: (608) 267-7545
fax: (608) 267-7650
jill.jonas@wisconsin.gov

From: Smith, Gerald (MDH) [mailto:Gerald.Smith@state.mn.us]
Sent: Sunday, January 02, 2011 12:43 PM
To: Beth Messer; Kirk Leifheit; Mike Baker; 'pcarroll@idem.in.gov'; 'Eric.Portz@illinois.gov'; 'rick.cobb@illinois.gov'; Richard (DNRE) Benzie; Brock (DNRE) Howard; Carrie (DNRE) Monosmith; Rich (DNRE) Overmyer; Ellingboe, Randy (MDH); Smude, Robert (MDH); Jonas, Jill D - DNR; Boushon, Lee H - DNR
Subject: RE: Recap REduxp

Happy New everyone

I have changed the letter to incorporate Beth's comment in paragraph 3.

Regarding the Section 2 comment, I need to defer to Jill and Lee as this was language from their December 15 and 16 email attachments. I am good with dropping from the second bullet "What is needed is a compliance response path for total coliform positives that focuses on GWR responses for the initial confirmed total coliform positive and has an escalated response for additional confirmed total coliform positive results" Jill/Lee are you okay with dropping this sentence? If not can you please address Beth/Mike's questions.

I suggest keeping "state actions" in the first bullet under Section 2.

I had not thought about this until Jill sent me her electronic signature, I am wondering do all the drinking water administrators want to sign the letter electronically or route the letter and sign?

If there are no further comments I will send the final draft to everyone Wednesday for one last review and okay.

Thanks

Jerry

From: Beth Messer [mailto:Beth.Messer@epa.state.oh.us]
Sent: Wednesday, December 29, 2010 7:31 AM
To: Kirk Leifheit; Mike Baker; 'pcarroll@idem.in.gov'; 'Eric.Portz@illinois.gov'; 'rick.cobb@illinois.gov'; Richard (DNRE) Benzie; Brock (DNRE) Howard; Carrie (DNRE) Monosmith; Rich (DNRE) Overmyer; Smith, Gerald (MDH); Ellingboe, Randy (MDH); Smude, Robert (MDH); Jill D - DNR Jonas; Lee H - DNR Boushon
Subject: RE: Recap - MI Comments

Hey All,
Mike is out this week, but I got his input on this via email and I've combined our comments. The comments are tracked in the attached. The first comment in paragraph 3 is pretty straightforward.

The other comments are in Section #2. We weren't sure what it was trying to say. I think if you remove the sentences, it still gets the point across. Also in the first bullet under #2, we don't think it needs to refer to state actions again since it's in the above paragraph.

Mike would like to see the final version before sign off.

Thanks,
Beth

>>> "Overmyer, Rich (DNRE)" <OVERMYERR@michigan.gov> 12/27/2010 3:26 PM >>>

All,

Yes, thanks to everyone for their work on this especially Jerry & Beth. Pat's last draft to Mikes revision looks good. Just note we should be consistent in the "1000 or less" population cutoff (eliminate

the "less than 1000"). Also the 3rd bullet under item 4 should be: Maintain baseline monitoring as quarterly for all *groundwater systems serving 1000 or less.* (Not all pws).

1. Is this a draft that we can now share with the Region? YES
2. Is this proposal all or nothing? What happens if US EPA is okay with the simplified monitoring process but does not consider dropping the monitoring and reporting from clean compliance history? NO, NOT ALL OR NOTHING BEING ABLE TO KEEP OUR FIND & FIX PROCESS IS VERY IMPORTANT. HOWEVER, MI ESTIMATES A 60-70% VIOLATION RATE IF MONTHLY MONITORING STAYS IN AS PROPOSED. I SUSPECT THAT WOULD MEAN MASS REFERRALS TO EPA FOR ENFORCEMENT OF MOST M&R VIOLATIONS.
3. By using "significant deficiency" as part of reduced monitoring are we saying it is not necessary to define "sanitary defect"? WE DON'T NEED ANOTHER DEFINITION.
4. Is it okay to drop the following in #2? "Failure to follow Ground Water Rule would trigger a RTCR Level 1 Assessment. A second Level 1 trigger within a rolling 12-month period would trigger Level 1 Assessment and a third Level1 trigger would require a Level 2 assessment" If not, I need clarification of what is meant by failure to follow GWR? MIKES VERSION WORKS.
5. Do we need to provide comments or proposed definition of season system, clean compliance history, sanitary defect? NO, NOT AT THIS STAGE. LET'S NOT MAKE THIS OVERLY DETAILED.
6. Is it possible to open up the reduced monitoring to NTNCWS as well as TNCWS? The reason I ask is based on my conversation last week with Miguel. In this case we may be able to get a little more. It is still possible that through the rule negotiations that we may need settle for only transient noncommunity systems. Miguel just needs to know our initial and fall back positions. MI HAS ALMOST 1500 NT'S BUT IT IS DIFFICULT FOR US TO ARGUE VERY CONVINCINGLY TO JUSTIFY ANNUAL COLIFORM MONITORING FOR THEM. WE UNDERSTAND IT'S A LITTLE DIFFERENT FOR MN'S PROGRAM THAT IS SET UP BASED ON ANNUAL SITE VISITS & MONITORING FOR THE SYSTEMS. OUR TAKE ON THIS IS MONTHLY MONITORING IS NOT AN EFFICIENT USE OF SCARCE PUBLIC HEALTH RESOURCES. IF WE NEED TO CONCEDE ANNUAL MONITORING FOR NT'S TO MAKE MONTHLY FOR EVERYONE GO AWAY, WE SHOULD. PUTTING IT ON THE TABLE NOW AND BEING FIRM ON IT WOULD BE MI'S VOTE.

Happy New Year!

Rich

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Date January 12, 2011

Mr. Tom Grubbs

USEPA Headquarters
Ariel Rios Building
1200 Pennsylvania Avenue, N. W.
Mail Code: 4607M
Washington, DC 20460

Dear Mr. Grubbs:

The States located within the United States Environmental Protection Agency (US-EPA) Region 5 submit the following comments and recommendations for consideration in finalizing revisions to the Total Coliform Rule (TCR). The Region 5 State's are very concerned about the impacts this rule will have on the Public Water Supply Supervision Programs. Those concerns are magnified by the large number of public water systems located in the Region.

Nationally it is estimated that there are 153,530 public water supplies. Region 5 State's have responsibility for 45,425 public water supplies (29% of the national number). Of these public water supplies 38,010 are noncommunity public water supplies (NCWS), representing about 40 % of the noncommunity public water supplies (TNC PWS) in the Nation. The majority of noncommunity transient systems in Region 5 are on an annual total coliform monitoring frequency (67% or 22,286 systems). Comparing the existing monitoring frequency of noncommunity systems in Region 5 to a quarterly monitoring or monthly monitoring frequency under the RTCR represents an 86% and 458% increase in sample collection respectively (with Minnesota expecting a 825% increase). Two States within Region 5, Michigan and Wisconsin have the largest number of public water supplies in the country (23,036 systems). All Region 5 Sstates fall within the top 12 states nationally for the number of public water supplies.

Comment [JJ1]: This doesn't make sense to me.

The Region 5 States cannot support the Revised Total Coliform Rule (RTCR) as written. As proposed, the RTCR creates unnecessary resource burdens without accompanying public health gains. The RTCR also fails to recognize the significant public health protection achieved through the Ground Water Rule's (GWR) focus on microbial contamination of source waters, particularly for those public water systems with limited distribution systems (LDS). On balance, the RTCR is not as protective of public health for these systems as the existing rule (See individual state comments). While each of the Region 5 States submitted comments during the formal comment period, we are sending this joint letter to emphasize those changes we believe are essential for successful implementation of the rule.

The Region 5 States can support changes to the RTCR that builds on the existing TCR and GWR through a "find and fix" regulatory framework. The Region 5 States agree the key to improved public health protection is the 'find and fix" approach and validation of the fix working. States must be provided the flexibility to retain their state requirements of "find and fix" responses and authorities to address total coliform positives that focus on approaches that have proven to work through years of implementing the current TCR. The Region 5 States' proposed changes listed below: 1) satisfy the principals of the Agreement In Principle (AIP), 2) are as stringent as the proposed RTCR, 3) create better rule structure for more effective implementation, 4) provide

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improved linkage to existing regulations, and 5) improve public health protection through more effective use of state and system resources.

1. Revisions to the TCR need a better connection to the ~~(~~GWR~~)~~ for public water supplies (population less than 1000) with ~~a limited distribution system (~~LDS~~)~~. Region 5 States proposes defining these water supplies as follows:
    - Systems with limited distribution systems are those groundwater public water supplies serving a population of 1000 or fewer that consist solely of well discharge piping, service connections and/or building plumbing for the purpose of conveying potable water to points of use located only on property owned or controlled by the supplier of water. Public water supplies that have piping in the public road right of way, hydrants other than on the well discharge piping, gravity storage tanks, or piping that crosses property lines shall not be considered limited distribution systems.
2. For public water supplies with LDS,~~limited distribution systems~~ the best opportunity to increase public health protection is to focus on potential source water issues. US EPA needs to use and build upon the existing "find and fix" approach of the GWR. The GWR already has a framework for triggering investigations and requiring corrective actions. US EPA needs to recognize that existing regulatory framework by revising 40 CFR 141. 859 as described below.

    - Specify that the "find and fix" approach required under the GWR, as well as any state specific actions as provided under the next bullet, is the first triggered assessment under 141.859(b) for LDS. An escalated response is required based on additional triggers exceeded and any state specific action requirements.

    - Eliminate the specific details on assessments and corrective actions required in response to total coliform positives and instead require a description of state response actions. US EPA needs to allow states to specify in their primacy application what escalating assessments, corrective action requirements and adequacy determinations are appropriate based on the specifics of any public water system. US EPA should continue to finalize the Assessments and Corrective Actions Guidance Manual to assist states.

    -

    - 40 CFR 142.16, should be amended to provide for states to specify that state maximum contaminant level (MCL) response actions, used to implement the federal TCR in place prior to [the date of final RTRC adoption], are part of their assessment and corrective actions.

3. Eliminate the increased monitoring based solely on the failure to monitor as defined in "clean compliance history".

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4. Simplify the process of increasing and decreasing monitoring under the RTCR the following ways ~~by~~:
    - Allow existing enforcement mechanisms to address to failure to monitor;
    - Eliminate "and one" requirement to return to a reduced monitoring schedule;~~,~~
    - Maintain baseline monitoring as quarterly for all public water systems;
    - Maintain transition using current monitoring;
    - New systems will be required to follow baseline monitoring (quarterly) for at least one year;~~,~~
    - Reduced monitoring to annual is permitted for groundwater TNC PWS with a population less than 1, 000 persons which meet the following criteria:
        a. Have an annual site visit,
        b. No significant deficiencies,
        c. Have at least one total coliform sample in the last 12 months,
        d. No E. coli positive samples in the last 12 months,
        e. No more than one total coliform positive sample in the last 12 months;~~,~~
    - Monthly monitoring is only triggered when:
        a. E. Coli_ Acute MCL,
        b. Two Level 1 triggers in 12 months;
    - Monthly monitoring continues until 6 months of total coliform negative samples are collected.

5. Revise the grant formula. A revision to the grant formula is necessary even with the recommended changes of Region 5 States, and remains~~but is~~ essential if no changes are made. ~~Non-community water systems~~ NCWS are not part of EPA's evaluation of achieving strategic plan objectives. The RTCR will create new resource requirements and/or redirect existing resources to NCWS negatively impacting the ability of states, with high numbers of NCWS, to meet EPA's strategic objectives. In order to allow states sufficient financial resources to meet the strategic objectives, the grant allocation formula should be restructured. We recommend increasing the multiplier for TNC in the PWS grant allotment formula to 0.20 while decreasing the allotment formula for community and NTNC to 0.50.

6. Region 5 State's firmly hope that these recommended revisions can be made. If not US-EPA will need to provide states the ability to request extensions to the timeline of implementing the RTCR.

Region 5 States have Safe Drinking Water Act responsibility for 45,425 public water supplies, approximately 29% of all public water supplies in the nation. Because of the large number of public water supplies, especially those water supplies serving 1,000 persons or less, the proposed RTCR will impact Region 5 states disproportionately than any other Region in the nation. We thank US-EPA in advance for consideration to our recommendations. All of the Region 5 State's drinking water administrators are available to answer questions to state specific comments submitted during the public comment period. We have chosen Pat Carroll as the

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contact for the Region 5 State's if clarification or additional information is needed to the comments and recommendations of this letter. Pat Carroll can be reached at (317) 308-3281.

The Region 5 State Drinking Water Administrators

Patrick Carroll, Chief
Drinking Water Branch
Office of Water Quality
Indiana Department of Environmental Management

W. David McMillan, P.G
Manager, Division of Public Water Supplies
Bureau of Water, Illinois Environmental Protection Agency

Liane J. Shekter-Smith, P.E. Chief
Environmental Resources Management Division
Michigan, Department of Natural Resources and Environment

Randy Ellingboe, P.E. Program Manager
Section of Drinking Water Protection
Division of Environmental Health
Minnesota Department of Health

Michael G. Baker, Chief
Division of Drinking Water and Groundwater
Ohio Environmental Protection Agency

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